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Lancaster Farming

Vol. III. No. 29. Quarryville (Lancaster County) Pa., Friday, May 30, 1958 $2 Per Year

Results Show Wheel Track Planting Okay.

After looking over the results, both in person and in print, it would seem that wheel track planting of corn has a place in Lancaster County and Southeastern Pennsylvania

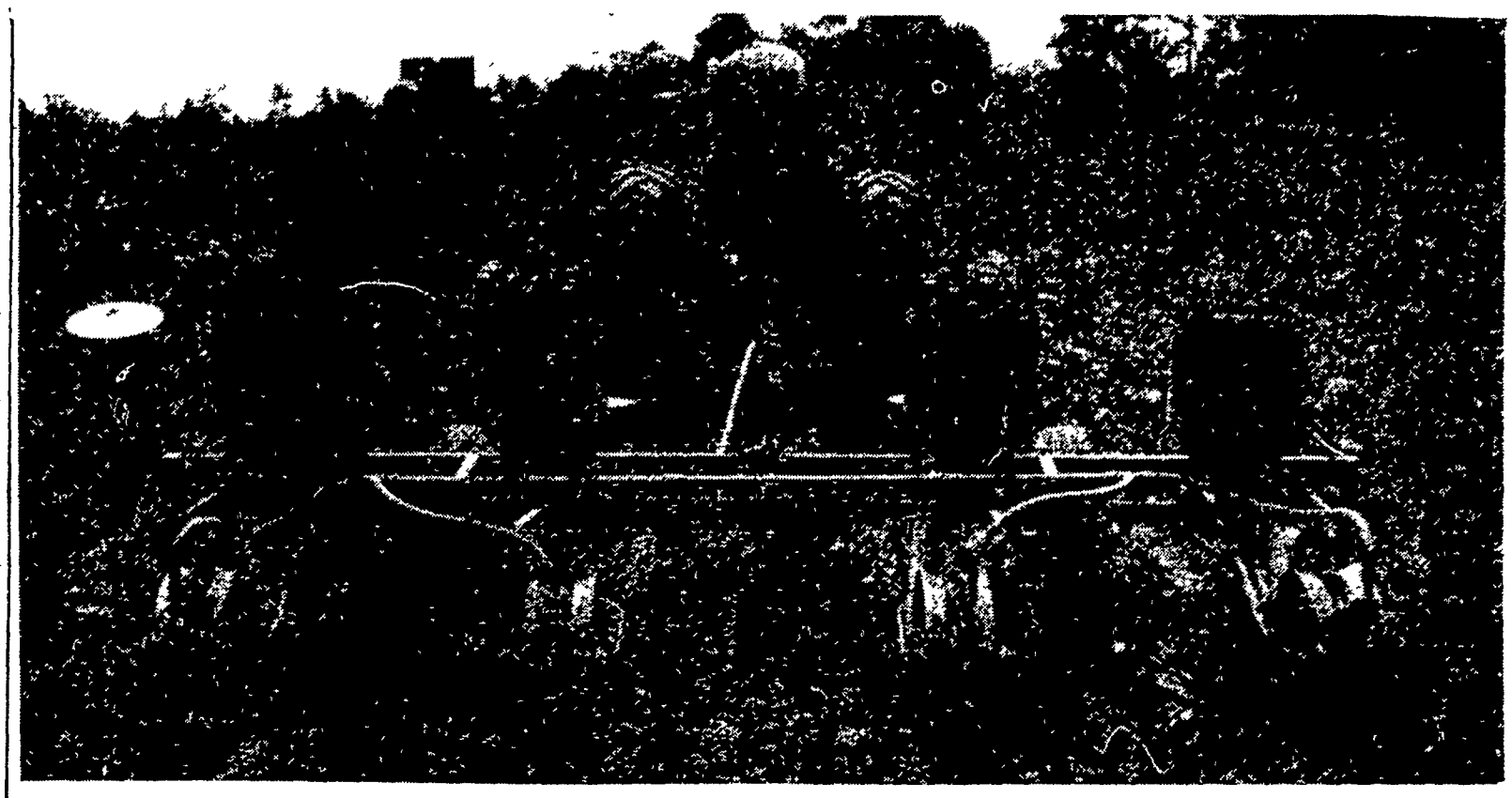
But there are a couple of "If's" tacked on.

The fist thing to consider is the acreage to be planted on the farm If the acreage is limited, then the cost of modifing quipment probably will be prohibitive

If time and labor are no problem in the spring, there is little to be gained Most savings are in labor costs, although fuel and depreciation are cut.

And if you operate the tractor yourself. Narrowing the rear wheels means that the tractor is much less stable. If your tractor operators are inexperienced or tend to be careless, accidents will happen.

For a copy of the University of Wisconsin report mentioned in the accompanying article, write to John T Murdock, extension soils specialist, College of Agriculture, University of Wisconsin, Madison. Ask for Wheel Track Corn Planting, Circlar 559.



NOTICE THAT A good job of plowing puts a field in better shape than you might imagine for corn planting The planter follows the furrows, thus giving a greater supply of moisture to the seedlings. Nozzles mounted behind the planter press wheels are used to apply 2,4-D pre-emergence spray in a band along the row.

A Lancaster Farming Report –

Wheel Track Planting Cuts Costs

From the Midwest during the past couple of years has come a lot of talk and advice, most of it favorable, about "wheel-track planting" of corn

To find out how good this method is, and how well it might apply to Southeastern Pennsylvania conditions and methods, we last week visited Hill Girt Farms, Chadds Ford, in Delaware County

At this sprawling dairy farm — 1,500 acres — manager George Newlin is using the wheel-track method for the second year About 130 acres of corn are planted annually on the farm, most of its for use as silage.

NEWLIN SAID that he first heard of the method through a national farm magazine With labor costs highly erodable steep land and the need for speeding the planting operation as incintives, he decided to give the method a trial

The results, while not spectacular, were gratifing Of course, last year no corn yields in the Southeastern part of the state were outstanding. Getting a crop at all was gratifing to many farmers

Most of the 130 acres of corn was planted using the wheel-track method One field was prepared using more conventional methods Newlin said that yields were better on the roughly prepared fields because what little rain fell soaked into the ground

HERE IS HOW he is doing it this year

Six hundred pounds of 10-10-10 are applied as a plow-down after manuring The ground is plowed using a three botom mounted plow

Following closely behind the plow is a specially modified tractor pulling a four-row planter equipped with 2,4-D spray nozzles Some 250 to 300 pounds of 6 18-18 are applied in the row The rate of planting is 16,000 stalks to the acre

After the corn is up, it is sprayed again to kill weeds in the middle of the row Only after the corn is knee high is it cultivated, and then only once.

CULTIVATION MUST be delayed this long to allow the plowed-down weeds and sod to deteriorate so that they will not hang on the cultivator sweeps.

Equipment modification, especially the tractor used for planting, is the largest item to consider if you are planning to use this method.

The University of Wisconsin, Madison, in a new bulletin, 'Wheel Track Corn Planting," (Circular 559) lists at least six modifications that can be made to row-crop tractors to use the wheel-track method

The modification adopted by Newlin for a four-row planter is one of those listed.

USING A MODEL H Farmall tractor, the rear wheels were set in to 40 inch centers He then purchased a wide front axle for the tractor This axle is still too narrow for the width required, so an extension was welded into it to make the tires 120 inches between centers

This allows a 44 inch spacing between the center two rows and 36 inch rows on the other two This is done to get a better match between corn planter and rear wheel tread These spacings still permit the use of a four-row cultivator and a two-row picker.

Two barrels of spray material mounted alongside the engine give added weight on the front wheels The front tires are oversize, fluid filled, and have 26 pound weights on them This seems to compace the ground sufficiently.

THE WISCONSIN report, issued after four years of trials by farmers and research stations, points out that wheel-track planting will save 40 per cent of the cost of planting an acre of corn.

The savings are made in the cost of discing, harrowing and in the elimination of one cultivation However the use of pre-emergence spray and a post-emergence spray and the cost of equipment is not considered

Soil conservation and weed control are two very distinct advantages of the method

There is less soil compaction because fewer tillage operations are required The loose soil left between the rows absorb more moisture and runoff is greatly reduced Erosion may also be reduced on old hay and pasture fields because the sod cover is left on the field longer

WITH CONVENTIONAL seedbed preparation, weeds normally have a one to two week "head start" on the corn Thus, it is usually necessary to cultivate corn when it is still very small Cultivation during this early stage of growth may kill many corn plants unless done with utmost care

With wheel track planting, however, the corn and weed seeds in the row germinate at the same time Weed seeds in the loose soil between the wheel tracks remain dormant until rains thoroughly moisten the surface soil layer Therefore, corn is usually six to 12 inches high before cultivation is necessary

The Wisconsin tests have shown that yields have been equal to or slightly higher than the conventional The increased yields can be traced directly to better plant population Higher germination additional water from increased absorption and better weed control gave this greater population

HERE ARE SOME pointers for wheel-track planting

Deep plowing (seven to nine inches), and a good job of plowing is absolutely necessary

Plant soon after plowing If not the topsoil will dry and reduce germination

Compact adequately At least a two-bottom plow tractor is necessary Over-compaction has been found to be no problem

When planting on contour strips, use a side hill-hitch attachment to permit the planter to trail in the tractor tracks

(Continued on page 13)

TWICE OVER A field is sufficient when using the wheel track method of planting corn. Using a four row planter, the planting tractor can keep up with the plow tractor. It is advised that the ground be plowed not more than 12 hours before planting time. (LF Photo)

Broiler Market Recovers from Slump; Average 22 Cents at Lancaster

LANCASTER, May 22 — The broiler market recovered from the slump of the preceding week with the sale average being 22 cents for 111,530 head of broilers.

This rise followed a lull in the market at the beginning of the week

In the sale there were 30 lots of broilers sold, 113,730 head in all The range was from 19½ to 22¾ cents One per cent of the sales were at 19½ cents, five per cent at 20½, less than 1 per cent at 21 cents, two per cent at 21¼ cents, eight per cent at 21½ cents, 12 per cent at 21¾ cents, 24 per cent at 22 cents, 35 per cent at 22¼ cents, 11 per cent at 22½ cents, and two per cent at 22¾ cents

Ten lots of capettes sold from 24 to 27¾ cents Unsold were two lots, 9,100 broilers; two lots, 3,000 head capettes, and one lot, 1,000 head light type turkeys

A year ago the sale average was 21 51 cents for 103,575 birds

Here is the May 22 sale results by lot number, seller with grower in parenthesis, number and breed, age in weeks and days, buyer and price per pound

1 Philip F. Foster, 10,000 White Vantress, 9-2, Victor F. Weaver Inc , 22 cents 2. John B. Kurtz (Clyde Martin), 4,500 White Vantress, 9-1, Walter C Mellinger, 22 cents. 3. Allen E Moyer, 2,650 White Vantress, 10-2, Daniel K. Good, 22½ cents 4. Robert B. Noll, 1,960 White Vantress, 9-5, Walter C. Mellinger, 22½ cents. 5 Robert B. Noll, 1,960 White Vantress, 9-5, Roy E. Ream, 22¾ cents.

6 Robert B. Noll, 1,960 White Vantress, 9 5, Victor F. Weaver Inc , 22¼ cents 7 Mark Merkey, 1 200 White Vantress, 8-3, Daniel K. Good, 21¼ cents 8. S S. Buckwalter Inc , 14,000 White Vantress, 9 2, H W. Longacre Inc , 22¼ cents. 9 Aten Bros (Albert Schmidt), 4,000 White Vantress, 9-6, Allen Clark Inc., 21½ cents. 10 Carl Aten, 1,000 Beltsville turkeys, 16 weeks, no sale, 31¼ cents

11 Eugene Schlosnagle, 8,400 White Vantress, 10-2, no sale, 22 cents bid 12 Eugene Schlosnagle, 86,400 White Vantress. 10-2, S F Davis, 22½ cents 13 Francis Schultz, 7,000 White Vantress, 9-2, Victor F Weaver Inc , 22¼ cents 14 Francis Schultz, 7,000 White Vantress, 9-2, Meader's Poultry, 22¼ cents 15 W A Wagner, 4,800 White Vantress, 10, Victor F Weaver Inc , 20½ cents

16 W A Wagner, 4,800 White Vantress, 10, Victor F Weaver Inc , 21½ cents 17 William Moyer, 1,650 Indian River White, 9-2, College Hill Poultry, 22 cents 18 Aaron M Shank, 4,000 White Vantress, 9-2, Meader's Poultry, 22¼ cents 19 Aaron M Shank, 6,000 White Vantress, 9-2, Victor F Weaver Inc , 22¼ cents 20 Leon Hoover, 5 000 White Vantress, 8,6 College Hill Poultry, 21¾ cents

21 Melvin N Eberly, 500 White Vantress, 9 1, Marvin Sweigart, 21 cents 22 J J Hess (J E Allgher), 1,500 White Cross, 10, Roy E Ream, 22 cents 23 Lester M Hurst, 1,800 White Rock cockerel capettes, 13 1, Carl B Risser, 26 cents 24 Lester M Hurst, 1,200 White Rock capettes, 13-1, Walter C Mellinger, 27 cents 25 Lester M Hurst, 2,000 White Rock cockerel capettes, 13 1, Walter C Mellinger, 27¼ cents

26 Lester M Hurst, 2,000 White Rock cockerel capettes, 13-1, H W Longacre Inc., 26¾ cents 27 Lloyd H Kreider, 1,200 White Vantress, 9-2, Daniel K Good, 21¾ cents 28 Lloyd H Kreider, 1 200 White Vantress, 9-2, College Hill Poultry, 22 cents 29 Parke K Herr, 900 White Vantress cockerel capettes, 13-2, Carl B Risser, 27 cents 30 Parke K Herr, 900 White Vantress cockerel capettes, 13 2, Walter C Mellinger, 27½ cents

31 Parke K Herr, 800 White Vantress cockerel capettes, 13-2, Roy E Ream, 27¾ cents 32 Miller & Bushong (Wilbert Campbell), 700 Silver Cross cockerels 9 2, Daniel K Good, 20½ cents 33 M&B (Wilbert Campbell), 700 Silver Cross cockerels, 9-2, no sale, 19¼ cents bid 34 M&B (Wilbert Campbell), 1,500 Silver Cross cockerels, 9-2, Carl B Risser, 19½ cents 35 M&B (Harry Boyer), 6,200 Indian River White, 9, Victor F Weaver Inc , 22 cents

36 M&B (Joseph Olesh), 2,000 Silver Cross cockerel capettes, 9 2, Starr Poultry, 20½ cents 37 M&B (Harold Hollinger), 1,800 White Vantress, 9, College Hill Poultry, 22 cents 38 M&B (Frank Bradley), 1,000 White Vantress cockerel capettes, 12-2, Daniel K. Good, 28¼ cents 39 M&B (Frank Bradley), 1,000 White Vantress pullet cavettes, 12-2, no sale, 25½ cents bid 40 Elvin H Nolt, 825 White Mountain capettes, 14-6, College Hill Poultry, 25 cents

41 Elam Kauffman, 260 White Rock cockerel capettes, 14-2, H W Longacre Inc , 24 cents 42 Elmer Metzler, 1,050 White Vantress, 10, Harry H Weaver Jr., 21¼ cents 43 Wenger's (Dan Lehman), 6,000 Indian River White, 9 2, College Hill Poultry, 21¾ cents 44 Sam High Jr , 200 White Vantress, 11-5, Marvin Sweigart, 22¼ cents. 45 Melvin N Eberly, 1,000 White Vantress, 9 1, Victor F. Weaver Inc., 21¾ cents

Chicago Market Generally Weak; Steers Down Half

CHICAGO, May 26 —

CATTLE 20,000 Slaughter steers steady to 50 cents lower, most decline on weights over 1150 lbs and kinds grading high choice and better Heifers steady to 25 cents lower, canner and utility grade cows fully steady to strong, commercial and standard about steady Bulls and vealers steady Stockers and feeders steady. High choice and mixed high choice and prime 1150 1300 lb steers $30 00 32 00, including loads 1180 and 1200 lb weights at $32 Bulk choice steers $27 50 30 00, generally $28 00-29 00, good to low choice $25 50-27 50, standard to low good $23 00-25 50, and 32 head 1150 lb commercial $24 50 Mixed high choice and prime 975 1050 lb heifers $28 75 29 00, bulk choice $27 00-28 50, good to low choice $25 00 27 00, few utility to low good $22 00-25 00 Standard and commercial cows $20 50-23 00, utility mainly $18 00 21 00, canners and cutters $15 00-19 00, few weighty Holstein cutters to $19 50 Utility and commercial bulls $21 50-24 00, good and choice vealers $32 00-35 00, standard $28 00 31 00, cull and utility $15 00-27 00 Few loads good to low choice 675-725 lb feeding steers $28 25 30 00

HOGS 10 000 Moderately active, uneven, mostly steady to 25 cents lower on barrows and gilts Sows active, steady to strong Sizable lots No 1 butchers under 230 lbs very scarce U S No 2 and 3, 190 230 lb barrows and gilts $22 75 23 15 Several lots No 1 to 3 mostly No 1 and 2, 195 220 lbs $23 25-23 50 Around 150 head mostly No 1

(Continued on page three)

Heavy, Full Fed Steers Lose, Hogs Steady at Lancaster Stock Yards

Federal-State Market News Service

LANCASTER, May 28 —

CATTLE Three days, 2,563, week ago 3,054 Slaughter steers steady to 50 cents, instances 75 cents lower on weights over 1,200 lbs and those grading choice and bter Cows fully steady with last Wednesday, bulls generally 50 cents lower, stockers and feeders steady.

Supply included about 35 loads slaughter steers, around 50 per cent stockers and feeders, and about 15 per cent cows and bulls

Bulk choice 900-1250 lb fed steers $28-29, several loads high-choice and low-prime 1,086-1,261 lbs $30 50-30 75, with two loads average prime 1,165-1,220 lbs $32. Good to low choice $26 50-28, standard largely $25-26 50 Small lots standard to choice heifers $23-27.85, few head high-choice and prime 1,010 lbs $29.50 Bulk cutter and utility cows $17 75-22 25, few commercial to $25 00 Canners and low-cutters $15 25-$17.50 Utility to commercial bulls $22.50-26 50, later mostly 26 down Good fed yearling bulls at $27-28

Bulk medium and good 500-900 lb stock steers $26.50-29. Load good 720 lb feeders $30. Loads and lots good 435-488 lb stock steer calves $28-31.

CALVES 769 last week 572. Moderately active, about steady with last Wednesday's decline. Bulk good and choice 140-200 lb vealers $29-34, few high-choice and prime $35-36 Standard vealers $25-29, utility down to $20 50.

HOGS 1,497, last week 1,542. Barrows and gilts as well as sows steady. U S No 1, 2, and 3, 190 230 lb barrow and gilts $23 75-24.50, with mostly No 3 at $23 75 Scattered lots No. 1 and 2, 200-220 lbs $24 75, about 60 head No. 1, same weights $25. Mixed grade sows 300-500 lbs $16-19, few under 250 lbs to $19 50

SHEEP 365, week ago 473. Slaughter lambs nearly $1.00 lower than previous Wednesday. Bulk good and choice native slaughter lambs 70-90 lbs $23-26 50, few utility down to $22. Not enough aged sheep for market test

375 New Hampshire Chicks, 1 Week Old
100 Barred Rock Chicks, 3 days old
100 Ancona Chicks, 3 days old
40 Beltsville Turkey Poults. 2 weeks old
Lancaster Sure Crop Seed Corn $5.50 bushel

Conn #870 Seed Corn bu	$8 00	16% Dairy Feed	3 40
		20% Hog Feed	4 45
Kaffa Milk Replacer		B Starter N F Z	4 35
25= Pail	1 60	B Grower	4 20
Calf Feed 25=	1 60	Quality Mash DP	4 10
Sheep Feed	4 00	Blue Bird All Mash DP	3 85
Horse Feed	3 90		
Fitting Ration	3 60	Fine Chick Feed	5 05

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31¢ Less Per Pullet

June is a great time to start Babcock Bessie chicks. Pullet rearing costs are considerably lower than in winter 31¢* less per bird, according to Cornell on-the-farm studies And on some farms as much as 51¢* less per bird Lower fuel and labor costs are the main reasons for these savings In addition, there is usually less trouble from coccidiosis and other diseases this time of the year

When your chicks are Babcock Bessies you get an extra benefit from their persistency of lay These 15-month layers will be producing at a profit all through '59 and well into 1960 They do an especially fine job during the 10th, 11th, and 12th months of lay when many strains are dropping off sharply in production

The Babcock Bessies you buy now can well be the most profitable birds on your farm That's because of rearing costs that often average 31¢ per bird less and the 15 months of continuous high production that you get with Bessies

Let us know the day you would like Bessie chicks delivered to your farm Ask also for free folder on "Chick Starting Tips"

* Cornell U. Bulletin AE 1059, Table 8.

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Phone MO-5 4705

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Bill will pay the call.

Consumers, including buyers for stores, institutions, etc., want the Best Meat and Eggs . . . no irregular lots of birds or mixed colors and mixed quality eggs. The final result depends on what you start with, and we have the chicks that will make Premium-Price meat and eggs. Interior quality of eggs is "tops".

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Carey White Leghorns, White Rocks, Cornish-Rock Cross, Merryknoll and Golden Sex-Links, New Hamps and Barred Rocks. Phone today for a date.

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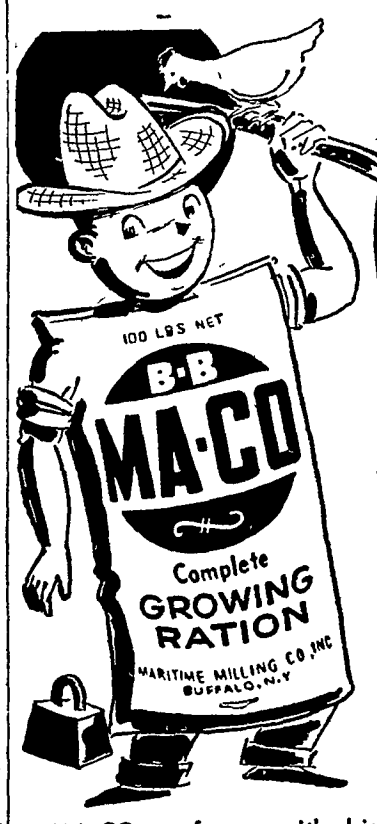

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Wednesday New York Egg Market

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Nearby Whites	
Extra Fancy Heavyweights	38
Mediums	37½
Pullets	29 -29½
Peewees	23
Nearby Browns	
Extra Fancy Heavyweights	40½
Mediums	39
Pullets	34½-35
Peewees	22½
Midwestern Mixed	
Fancy Heavyweights	37½
Mediums	34
Standards	37
Checks	34½-35
Midwestern Whites	
Fancy Heavyweights	37½
Mediums	36
Pullets	29 -29½
Midwestern Browns	
Fancy Heavyweights	40½

NEW YORK, May 28 — Market unsettled and easy on top nearby white, midwesterns and mixed. Outcome confused and further price adjustments are possible.

Weekly Egg Price Review

Ex Fcy Hywts	38	39	39½	39½ -
Mediums	35	37½	37½	37½
Pullets	28½	30 -30½	30½	29 -29½
Peewees	23	23	23	23
NEARBY BROWNS				
Ex Fcy Hywts	40½	40½	40½	40½
Mediums	38	39	39	39
Pullets	36	36	36	35
Peewees	22½	22½	22½	22½

PHILADELPHIA EGGS

PHILADELPHIA, May 28 — Weak. Lower prices prevailed. Supplies were more than sufficient for the relatively lighter demand.

Prices to retailers in cartons (cents per dozen) Grade A and US grade A large. whites 48-53 mostly 50-51, browns 48-53, mostly 50-51. Grade A and US grade A medium. whites 44-47, mostly 45-46; browns 44-47, mostly 45-46. Grade A and US grade A small whites 37-41, mostly 39-40; browns 37-41, mostly 39-40 Grade B and US grade B large whites 42-45, mostly 43-45, browns 42-47, mostly 32-45.

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Hogs Stronger Steers Weak, At Baltimore

BALTIMORE, May 26 — CATTLE AND CALVES The supply was comprised of approximately 50 per cent fed steers, grading mostly good and choice, about 25 per cent stockers and feeders and the balance mostly cows In addition to today receipts around two loads of cows, two loads of stockers and feeders and about two loads of vealers were carried over from last week's trade Fed steers were slow and sold steady to weak with instances 25 cents lower Cows and bulls were slow to moderately active. Cows sold steady to weak and bulls steady Vealers were slow and steady, but demand was poor with several still unsold late Stockers and feeders about steady. Fairly good clearance on all classes except vealers The bulk of low good to average-choice 850-1200 lb mostly 975-1100 lb fed steers brought $27 00-29 50 with a load of standard to low good included at $27 00 and a 1020 lb package of average choice reached $30 00 Around 50 head of 795 to 885 lb good and low-choice fed heifers sold at $27 50-28 00 with one lot of good at $26 25 and one lot 702 lb high-choice $29 00 Utility and commercial cows brought $19 50-29 00 with a few high-commercial and standard $22 25-23 50 Canners and cutters sold from $17 00-19 50 with a few cutter to $20 00 and a few light cutters down to $15 00 Utility and commercial bulls bulked at $22 00 24 00 with one or two individuals at $24 50-25 00 Choice 170 230 lb vealers sold at $30 00-32 00, good $26 00-30 00 and standard $24 00-26 00 Three lots mostly good 752-856 lb feeder steers $27 00 28 00 One lot 516 lb good and choice stock steers reached $32 00 and a few lots of 566-612 lb mostly good to choice $29 00-31 00 and the bulk of medium to good 500-700 lbs $25 50 28 00. One lot of 492 lb good stock steer calves $30 00 and a load 426 495 lb medium $27 50 One lot good and choice 431 lb stock heifer calves sorted off the $32 00 steers at $27 00

HOGS Butchers were active and sold mostly 25 cents higher with instances 50 cents u The supply was largely mixed lots of U. S No 1, 2, and 3, 180-230 lb butchers which sold at $24 25-24 50 and 44 head No 1 and 2 near 200 lbs reached $24 75 One lot No 2 and 3, 265 lb garbage fed butchers $22 25 and a small lot No. 3, 316 lbs $20 00

SHEEP Several small lots 78 98 lb good and choice spring slaughter lambs sold at $24 00, three lots 73-92 lb utility $20 00-22 00 and a package of good shorn slaughter ewes $7 00 The bulk of the supply still in first hands

Midwest Markets

(Continued from page 2)

these weights sorted for grade $23 75. No 2 and 3, 240-260 lbs $22 25 22 75 No 2 and 3, 260-290 lbs $21 75-22 25 Several lots mostly No 3 300 325 lbs $20 75-21 50 Mixed grades 400-500 lb sows $18 50-19 50 Most 300 400 lb $19 5 20 50, and bulk 500 550 lbs $18 00-18 50.

Demand for Broilers Generally Good At Beginning of Week; Ratio Down

PHILADELPHIA, May 27 — (USDA) — Demand for broiler and fryer chickens was generally good throughout the nation at the beginning of the week The only soft spot in the market was reported in Arkansas.

Delmarva buyers, as usual, were off the market waiting for the price to be established at the Eastern Shore Poultry Growers Exchange.

The broiler-feed ratio during the past week dropped two points, reflecting a drop of .95 cents in the average price of broilers. The feed price remained about the same.

Th ratio nows tands at an even 4 0, as compared with a 4 3 ratio a year ago and 3.5 six months ago

Here is how the broiler market looked in the major producing areas on Monday

DELMARVA Market quiet Trading very light Prices paid at the farm since Friday were 21½ cents for the 48,000 head sold

NORTH CAROLINA Offerings arequate to short Demand fair to good Prices were steady at 20 cents for 51 000 head sold

GEORGIA Offerings adequate to short of needs Demand good Prices were from 20 to 21 cents, mostly 20 cents 1,263,000 head were sold, 87 per cent at 20 cents

SHENANDOAH VALLEY Demand good Traling active Supply about equal to demands Prices were from 20 to 21½ cents The nmber of birds at each stage of the range was about equal, with 43 per cent of the sales being at undetermined prices

ARKANSAS Offerings generally adequate Prices paid and volume were from 19 to 22 cents with the bulk of the 638,000 birds being sold for 21 cents

ALABAMA Demand good to very good Offerings and supplies adequate to short Prices were 20 to 20½ cents Eighty-nine per cent of the 467,000 birds were sold at 20 cents

Barbeque Folder Being Offered

A pocket-sized folder called "A Barbecue Treat in Your Own Backyard" is being issued by the Beacon Milling Co, Cayuga, N Y.

The folder features three sauce recipes for barbecued chicken and some hints on how to pick good birds for barbequeing and how to control the fire.

We're always busy . . thanks to our satisfied customers always coming back for more!

New & Used Hay Balers

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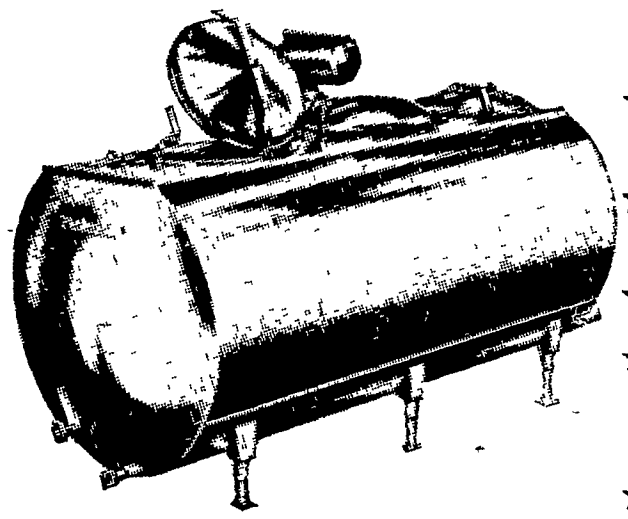

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★ Clean milk assured with Sealed Tank.
★ Simplifies pipe line milking.
★ ALL "Stainless Steel" construction, including heavy internal frame work.
★ Easy to clean.

Mojonnier Standard Cooler

★ More than 100 of this type Mojonnier Cooler already giving "exceptional" service on Lanc. Co. farms.
★ Cools milk to 34 degrees to 36 degrees quickly and efficiently.
★ Electric or diesel operation.
★ Low pouring height.

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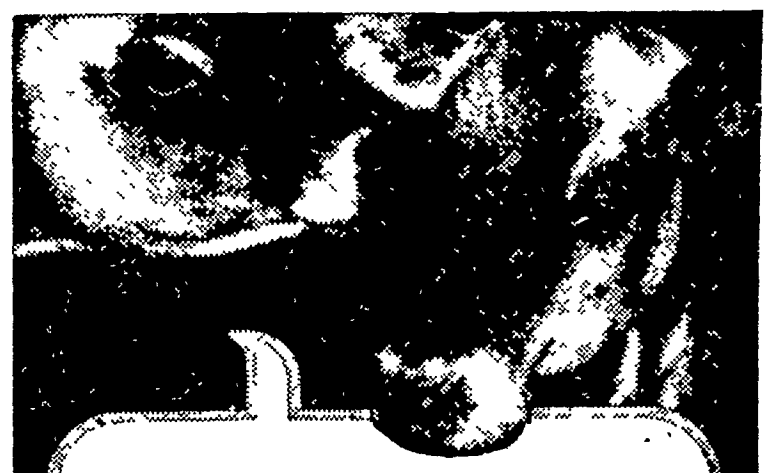

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Sterling Blusalt: high-quality salt plus seven trace minerals essential to good growth and reproduction (manganese, iron, sulfate sulfur, copper, cobalt, iodine and zinc).
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Cassels Mill, Inc., Manheim, R. D. 1, Pa.
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Eastern States Farmers Exchange, Pomeroy, Pa.
Eby's Mill, Lititz, Pa.
Harold H. Good, Terre Hill, Pa.
M. S. Graybill and Son, Bareville, Pa.
Paul H. Hurst and Son, East Earl R. D. 1, Pa.
Ira B. Landis, 779 Valley Rd., Lancaster, Pa.
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The Complexity of Modern Research Demands Improved Scientific Information

A FARMER has a piece of land On it he grows some plants, then adds some animals. In producing from this land, he is actively challenging the complexity of Nature itself He faces hundreds of questions Some are biological, as with a disease Some are physical, as with soil water

No farmer can answer all these questions for himself. Yet, as an individual, he must work out plans for running his farm. He needs the help of advisers and, in turn, scientists

Agricultural research faces the complexity of Nature with a unique association of scientists trained in various biological and physical disciplines It takes more than one of these scientists to answer many of the farmer's questions.

This has long been true, of course The method of measuring pH of a soil resulted from years of basic research in several fields Nernst, a physical chemist, provided the basis of the hydrogen electrode method Sorenson, a biologist, supplied the pH symbol

Haber and Klemenziwicz, physicists, demonstrated the chemical nature of Helmholtz's glass electrode There were many other contributions, including the vacuum tubes of de Forest, an electrical engineer

This interdependence is even more needed today. As scientists build up more and more knowledge of Nature, research becomes more and more complicated.

Nowadays, instead of an individual researcher, we have a group of scientists from many different fields working together on a question

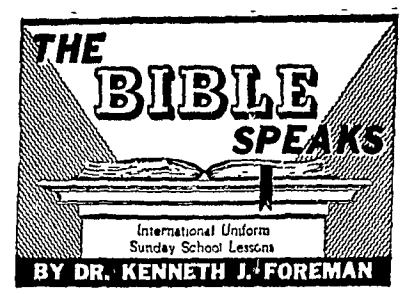
Obviously, it is necessary that these scientists learn to "talk" to each other They must have the drive and courage to venture outside the security of their own specialty — to find out enough about the other specialties to communicate with their colleagues

This calls for capable men and women who will also make the effort to keep up in their own fields

And thought must be given to helping these scientists keep abreast of new developments in other research agencies and other countries Our workers need the best in publications, libraries and translation and abstracting facilities.

The effect of the lack of such facilities in another field—that of rockets and space vehicles—has been clearly demonstrated. Technical journals giving vital and valuable information lay untranslated while time and money was being spent in doing the same basic research.

The United States, now the unqualified leader of the world in agriculture, must keep that position.

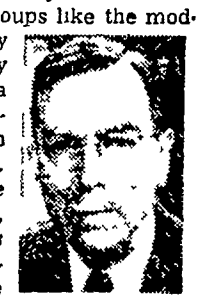


Bible Material: Numbers 27:12-23; Deuteronomy 34 9-12; Joshua 1.
Devotional Reading: Psalm 1.

New Leader

Lesson for June 1, 1958

AS LONG as human beings exist in groups, even if the race is nearly wiped out by war or other catastrophe, there will be need of leaders. People will get together. For good and for ill, men operate in groups. These may be immense and elaborate groups like the modern nation; they may be tiny groups like a bird-watchers' club in a small school. They may be highly organized, with enormous buildings devoted to the secretariat alone (such as the United Nations), or they may be informal, like a few boys going out hunting. Whatever the group, it will have, and it will need, leaders. The ancient Hebrews as they entered Canaan were no exception to the rule. God has been leading them, but through a very brilliant and brave man. Now this man is at the point of death He knows that unless a new leader takes over, all the work he has done will come to nothing


Dr. Foreman

We Need to Go On

The story of Moses and Joshua, only a small part of which emerges in the Scripture material this week, illustrates many points about a change-over in leadership. It was a crucial, a doubtful, time. Canaan had been reached, not entered, still less won. A slip-up in the new arrangements might be fatal. But the change was made, and it turned out enormously successful. From many thoughts which it suggests we may select three. First, if the old leader has been really good, then he has achieved much that we do not want to let go. If he was good, we don't want to start off in the opposite direction from where he was taking us However new and different the new leader may be, we whom he is going to lead want him to pick up the old leader's work and carry it on, not smash it all to pieces or let it slowly decay. The problem for every fresh leader is: How can I carry on my predecessor's work and ideals, without being a rubber-stamp duplicate of him?

New and Old Are Never Alike

A college was for some time without a President The committee appointed to find a new one was working very slowly, too slowly, some thought. But the committee knew what they were doing. "Any President we get," said one of them, "is bound to be different from the last one It won't hurt the college to do without a President for a while, so that the new man, whoever he is, won't come as quite such a shock." This is true of churches, nations, organizations of all kinds The new preacher isn't like the old one, the new president isn't like the old one. No doubt there were people in Israel who, when Moses appointed Joshua, complained about it The two men were different at almost every point. Readers of the Old Testament may find it an interesting study in character: In what ways were Moses and Joshua different? God broke the mold when he made Moses, he always break the mold when he makes man. There was only one Moses, one Joshua, one David There was only one George Washington, one Lincoln, one Robert E Lee. Wanting Leader Number Two to be just like Number One is as useless as wanting one man to live forever.

Leadership Calls For Character

Nevertheless, there are certain qualities of character which all leaders have. We are thinking of God's leaders especially, men who (in the church or out of it) are in harmony with God; not those leaders who are anti-social, giving all they have not for or to, but against, mankind Moses and Joshua illustrate three very important characteristics of all good leaders, and the investigative reader can discover more. One is firmness of purpose When either Moses or Joshua set out to do something, he did it, it spite of hail and high water. Having set their course, they kept a firm hand on the wheel. They did not lose sight of the North Star. A second quality shown by these leaders was courage. They dared the unknown, the untried. They summoned their followers to tasks which seemed impossible; but their people knew that these leaders would not ask others to do what they would not do themselves They were not afraid of what threw weaker men into fits of fear. Most important, and most obvious, was their faith.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A. Released by Community Press Service.)

This Week in Lancaster Farming

BY JACK REICHARD

75 Years Ago

The managers of a race track near Brownsville along the Monongahela River published notice of a race, one mile heats, for a purse of $100, "free for anything with four legs and hair on"

A farmer in the neighborhood, named Hays had a bull that he was in the habit of riding to the mill with his bag of corn, and decided to enter the animal in the race He said nothing about it to anyone and rode the bull over the track several times on moonlit nights, until the animal got the hang of the grounds and would keep the right course

The day of the race Hays came to the track riding his bull Instead of a saddle he used a dried ox hide the head part of which with the horns still on he had placed on the bull He carried a small tin horn in his hands He rode up to the entry stand and offered to enter his bull for the race but owners of the horses entered objected Hays appealed to the terms of the notice, insisting the bull had four legs and hair on and that he had a right to enter the animal

After a great deal of swearing the judges decided that the bull had a right to run and was entered accordingly

When the time for starting arrived the bull and horses took their places At the signal to start Hays gave a blast of his horn and sunk his spurs into the side of the bull which bounded forth with a terrible bawl at no trifling speed with the dried ox hide flapping up and down making a combination of noises never heard on a race track before The horses fled in every direction from the track determined to take the shortest cut to get out of the area and not one of them could be turned back in time to beat the bull The purse was given to Hays

A general chorus of objections among the horse owners followed but the fun of the incident put the crowd of spectators all on the side of the bull so that was that

The United States Cattle Commission reported that there was not a single case of foot and mouth disease among cattle in the United States in 1883

50 Years Ago

A game of swindle worked on some of the unsuspecting farmers in a western state involved bovine tuberculosis

Two men, who had joined hands in the racket, fleeced many dairymen One, well dressed, wearing glasses, called on farmers to inspect their dairy cows, representing himself to be a state dairy inspector At one farm he found a fine looking herd of cows and condemned a dozen animals as afflicted with tuberculosis, and told the owner on leaving not to say anything about the matter but to sell them for whatever he could get for shipment out of the state

A few days later the partner of the self-termed dairy inspector came along and asked the farmer if he had any cows to sell The farmer anxious to get rid of the supposedly diseased animals, felt himself lucky to get $20 per head

A New York farmer reported success in the use of common stovepipe soot as a cure for scours in calves The method of preparing the dosage was to take a tablespoonful of soot, mix it with the white and yolk of an egg put it in the shell and then place the filled shell far back in the mouth of the afflicted calf according to the farmer

George W Crowl well known among Lancaster and Chester County farmers as one of the largest potato shippers in the eastern section of the United States fifty years ago shipped 276 000 bushels of the tubers during the 1907 08 season Crowl maintained shipping points at Peach Bottom, Strasburg West Willow Lancaster and several places in Chester County Estimated at 600 bushels to a carload the season s shipments filled 460 freight cars

25 Years Ago

Back in 1933 sixty eight years after Lee surrendered to Grant at Appomattox no name for the war which that historic event terminated had been proposed upon which all Americans could agree The term Civil War which was most generally being used was not liked by certain elements in the South, while War of the Rebellion' and War of Secession were entirely obnoxious to the people of Dixie

For many years the United Daughters of the Confederacy had sponsored the term "War Between the States", but had made little headway in securing its adoption by writers and speakers The term was critized as being indescriptive

Most writers refer to the tragic struggle of the 1860 s as the Civil War a short name unmistakable in its meaning and implying no reflection on either North or South

At any rate the name is not especially important A war by any name is just as horrible.

Twenty five years ago this week some 200 Yale students, who called themselves 'pirates' swarmed uninvited into a fashionable "shipwreck' party in New Haven and made a sure enough wreck of the place

Windows and furniture were broken, among other acts of rowdyism One policeman was knocked cold Two students were fined $5 each for starting the incident and the others went free, which was a cheap price for the fun — if one calls it fun

Accused of stealing six auto batteries which were found under his bed, William Golden of Detroit explained that it took a shock of six batteries to awake him each morning

A note pinned to a post near her home at Brookline Mass, resulted in the recovery by Mrs Harvey Cushing of a pin valued at $1 000

Twenty five years ago the Pennsylvania State Department of Health issued bottled water permits to Elias E Ander distributor, Diamond Spring Water Ephrata, and the Ephrata Mountain Spring Water Company Lancaster

Under a department regulation annual permit for the distribution of bottled water were to be issued by the State Health Department The permits were only granted after a satisfactory analysis had been received and a check-up of the physical surroundings of the source of water supply was made

Lancaster Farming

Lancaster County's Own Farm Weekly

Alfred C Alspach, Publisher, Robert E Best, Editor, Robert G Campbell, Advertising Director, Robert J. Wiggins, Circulation Director.

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Now Is The Time . . .

By MAX SMITH

County Agricultural Agent

Max Smith

TO CLIP PASTURES — Grasses in most pastures have already shot seed heads and should be mowed at normal grass field mowing height To allow the grasses to mature will not increase the feed value or maintain milk or meat production The clipping of pastures at this season will stop weed seed formation and encourage new growth of the grasses Regular clipping of the pasture every four to six weeks during the season is recommended

TO CONTROL FLIES — Plenty of moisture and The first step in correcting this problem is to warmer weather usually brings more house flies clean out all breeding places for the flies and to practice good sanitation methods, manure piles box stalls trash piles, and barnyards should be cleaned regularly to prevent breeding places Diazinon is the residual spray recommended for dairy barns steer pens and hog houses, remove animals, cover feed and water troughs, and spray with ½-pint of the 25% emulsion in 3 gallons of water Korlan is another fly spray at the rate of the 25% wettable powder in 3 gallons of water Both of these should protect from four to six weeks Barn cleaner pits and manure piles may be soaked every two weeks with one of these to kill fly maggots

TO KILL WEEDS WHEN SMALL — The best time to try to control weeds is when they are small rather than when four to six inches tall The use of weeders, rotary hoes or spike tooth harrows in corn fields when the corn is from two to four inches tall is very useful if chemical weed sprays are not used Weeds are competitors for both moisture and fertilizer elements for every crop A combination of cultivation and chemical weed sprays should give best control

TO TAKE TIME TO BE SAFE — The pressure of a heavy work schedule this time of the season causes many of us to hurry and to forget about taking time to be safe Tractors and farm machinery have replaced the bull and the horses as main causes of farm accidents but it is not the machines that are to blame, it's the operators Don't take chances the loss of a hand, or a foot or your life is **Very permanent.**

Projection Committees Give Report; Cite Importance of Papers to Farmers

Authority to close the county agricultural extension office on Saturday mornings during July and August was granted by the executive council of the county agricultural extension association at a meeting Tuesday night

This has been the practice for several years

Tentative plans were made for the annual summer dinner meeting of the group

Heard at the meeting were reports for the various program projection committees

REPORTS OF THE youth program and urban and sub-urban needs commitees pointed up the need for changed programs and attitudes toward the urban and sub-urban dweller

Youth programs tailored toward the needs of the non-farm child should be developed

The youth program committee pointed up the need for qualified leaders of youth group and suggested that senior clubs, organizations and associations should make qualified persons available as leaders of youth groups

THE VALUE OF mass media to the farmer — newspapers primarily, and also radio and television — was accepted in most of the reports Mass media are particularly valuable in dealing with urban and suburban dwellers and with the part-time farmer, it was pointed out

The family relations committee suggested that more assistance be made available for financial planning including such things as will, father son agreements, and inheritance tax assistance

Mrs Harrison Nolt, who presented the report, added that sessions on child guidance, home making, budgeting and family planning should be added to the programs of son or youth groups

Harry Houser, chairman of the committee dealing with part-time farming, reviewed the situation of the part time farmer and said that these farmers feel the need for special help They would like crops that can be handled easily on a part time basis

THESE FARMERS also are great users of the mass media of communication, and more of the mass media should be used to reach them

"The future trend toward bigness in poultry integration will lessen the need for extension personnel at the local level," according to David Buckwalter, chairman of the integration committee

But this same bigness will mean an increased need for research at the state and national levels, he said

BUCKWALTER CALLED for a closer working relationship between universities and between public research agencies and commercial experimenters

Integration of field crops, vegetables, dairy and meat animals is not much of a problem yet, he said Contracting of vegetables is done differently from the vertical integration of poultry.

The greatest need in these fields Buckwalter said, is for research in marketing, management and in the development of new strains and varieties

Swift & Co. P & S Violator, USDA Charges

Swift & Company — meat packer — has been charged by the U. S Department of Agriculture with violations of the Packers and Stockyards Act.

Two complaints and notices of hearing were issued One charges violations principally through Swift's Neuhoff Packing Company Division, Nashville, Tenn The other charges violations at the St. Louis National Stock Yards, National Stock Yards, Ill

The complaint in which the Neuhoff Company is named charges that a country livestock buyer for Neuhoff was instructed to "drive out the competition" at various country markets in Tennessee, Alabama and Missippi.

THE COMPLAINT also charges there was an arrangement with a country dealer to buy hogs without competing for purchase of the hogs, that price information was disseminated to country dealers in Tennessee, Alabama, Mississippi and Kentucky for use in buying livestock to be sold to Swift & Co. on a dealer basis, and that some dealers were guaranteed against losses on a declining market

The complaint of violations at the St Louis National Stock Yards charged the respondent company with assembling with salesmen and buyers to establish the market price, also with buying hogs from various market agencies in the main alley of the hog division without loking at and bidding on the hogs in the sales pens in open competition with other buyers

CHARGES INCLUDE the buying of hogs and sows on a "weight schedule" basis with price being determined on average weights and supplying information to competitor buyers and dealers as to the number of hogs to be bought at specified prices by Swift & Company

Good Weather Favors Spring Work; Fields Are Getting Ahead of Cattle

HARRISBURG — Weather conditions favored progress in spring wok on Pennsylvania farms during the past week and crop growth was such that pastures in some areas are getting ahead of grazing cattle and may have to be clipped. the State Department of Agriculture said Wednesday

Cool temperatures slowed growth of vegetation in northern counties but the planting of corn continued and the cutting of alfalfa has started in southern areas, according to Federal-State surveys

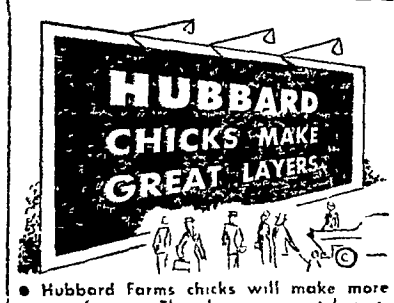
Many famers are spraying for insects and weeds but little damage is reported to date from plant pests except tent caterpillars which are unusually heavy in many areas, the Department said

Fruits are making good progress throughout the Statt and in the Erie fruit belt the growers report prospects for red cherries the best in the past several years Grapes in that area also are making good growth

Transplanting of tomato plants is in full swing and will continue at peak operations until the end of May Early potatoes are up and growing nicely while green peas are showing blossoms in southern counties Planting of sweet corn and snap beans continues as soil conditions permit.

Early planted field corn is well above the ground and making good growth Pastures and hays are making lush growth Oats show good stands except in low sections and barley is maturing rapidly.

Rainfall for the week ended Monday totaled less than one inch over the State for the second consecutive week Heaviest amounts fell in the Harrisburg State College-Brookville areas Temperatures averaged near to slightly below normal



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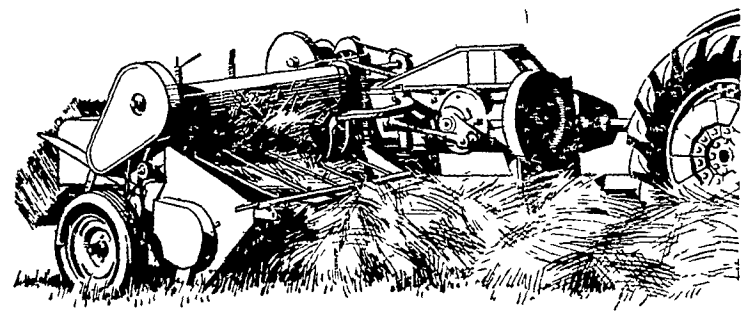

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Miss Nancy Kern, Danville, New Lancaster County Home Economist

Miss Nancy Kern, 27, a native of Danville, will succeed Mrs Ruth Kreibich as extension home economist for Lancaster County

Miss Kern was introduced Tuesday night at a meeting of the county extension association executive committee

A graduate of Penn State, Miss Kern taught home economics at Downingtown until last year when she joined the home economics staff of the Lebanon Conty extension service

While at Penn State Miss Kern was elected to membership in Omicron Nu and Phi Epsilon Omicron, home economics honorary societies

She is a member of the Pennsylvania Home Economics Assn, Pennsylvania Extension Home Economics Assn, and the American Home Economics Assn.

She will start in Lancaster on June 2 On July 1 she will begin full time work with the title of associate extension home economist.

Mrs Kreibich, who was married last fall, is retiring from extension work to devote her time to home making. She had been in the local office for three years.

NEW EXTENSION home economist, Miss Nancy Kern, (center) formerly of Lebanon, is introduced to Lloyd Rohrer, R7 Lancaster, president o fthe Lancaster County Agricultural Extension Assn. by Mrs. Ruth Kreibich. Mrs. Kreibich is resigning as extension home economist and Miss Kern will be her successor (LF Photo)

Heavy Pasture This Spring Needs Management

The melting of heavy snows this spring followed by liberal rainfall has produced a very heavy growth of spring pasture throughout southeastern Pennsylvania Some livestock producers have fenced off part of their normal pasture acreage planning to make it into grass silage or hay later this month.

This practice is efficient management for full utilization of the forage growth

Rotating the herd from one area to another is a good practice to permit recovery o f grazed plants, this is especially true of ladino clover and birdsfoot trefoil pastures This period of 10 days to two weeks permits the grasses and legumes to get sufficient growth to provide a second period of lush pasture

REGULAR CLIPPING of pastures during the grazing season should be done faithfully in order to obtain maximum results. After the area has been grazed, mowing will cut off mature plants and encourage new growth, this practice will stop weed formation, and improve the general appearance of the field.

The proper time to clip a pas ture is following the grazing period, or after the grasses have gone to seed, during the past week many pastures in Lancaster County including bluegrass and orchard grass plants have shot seed ahead and should be mowed in the near future

The clipping height should not be different than in a regular mowing operation If the pasture has gotten ahead of the herd in the past month, and there is considerable growth on the area, then it is advisable to remove this excess grass for hay or silage.

UNDER NORMAL conditions these clippings will dry and the livestock will consume them as they graze over the area.

On many pastures clipping should be done every four to six weeks for the remainder of the grazing season. If the grasses are permitted to mature and remain standing, less new growth will result and the animals will be consuming large amounts of fiber and grass lower in feed nutrients

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Mean Old Washer or Sissy Eggs?

Does your washer crack too many eggs Perhaps your washer is too rough, or more likely, you need eggs with better shells. I highly recommend Greider Super Cross Layers. They are proven hard shell layers, at Official Laying Tests, and in the field. Nothing lays them harder, except maybe a turtle. However, I cannot recommend that you fill your laying houses with turtles. Tinted eggs, you know?

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UDSA Researchers Find Oats Resist To Race 264 Crown Rust Disease

Eleven strains of cultivated oats that carry genetic resistance to one of the most virulent of five new races of crown rust menacing the Nation's oat crop have been discovered by U S Department of Agriculture scientists, the Department announced today

These strains are known to have resistance to Race 264 crown rust and may also prove resistant to other new races. Their discovery, say USDA oat specialtists, considerably brightens the outlook for development of commercially suitable resistant varieties during the next few years

Appearance of the five new rust races in Florida and southeastern Georgia last spring caught oat producers with commercial varieties susceptible to one or more of the rusts

FEDERAL-STATE OAT breeders were in a similar predicament, with no adequately resistant plant material, except wild varieties that are difficult to cross with cultivated oats Added cause for alarm was the finding, later in the season, of the same rare or previously unknown races of crown rust in several northern States

Discovery of the resistant oats was the result of an emergency program under-taken cooperatively last winter in Puerto Rico by USDA's Agricultural Research Service, the Federal Experiment Station at Mayaguez, and the Puerto Rico Agricultural Experiment Station at Isabella

ACCORDING TO Dr H C Murphy, who directs the national program of oats research for USDA at the Department s Agricultural Research Center, Beltsville, Md, seed of the resistant stock has been distributed to about 75 plant breeders and pathologists in the United States and Canada Dr Murphy recently brought seed of these resistant lines from Puerto Rico to Washington by air to make sure that breeding work to develop new resistant commercial varieties could be started at the earliest possible moment.

Seed of more than 4,800 different oats were assembled by D J Ward, in charge of the USDA World Oat Collection at Beltsville, and sent to Puerto Rico last year Of this total, 3,573 represented entries from the World Collection of cultivated and wild oats The remainder, more than 1,200 entries, were submitted by oat breeders in the United States and Canada as experimental stock Seed from the experimental entries that were found to be resistant was sent only to the breeders who had developed them

OUT OF THE World Collection came 36 resistant kinds, including 27 cultivated oats and nine wild types The 27 cultivated kinds fall into 11 resistant oat strains, each apparently possessing a different basic genetic source of resistance to Race 264 crown rust It is expected that most, if not all, of these 11 strains will be resistant also to the four other dangerous rust races

Experimntal entries included some promising derivatives from crosses involving those resitant tock from the World Collection

It was possible in the Puerto Rican nurseries to grow and test oat plants for rust resistance during the 1957-58 winter season Selecting resistant lines for harvest was a simple matter, since only the resistant varieties produced seed.

Al lthe varietie grown in the Puerto Rican tests were artificially inoculated with Race 264 rust by Drs Thomas Theis and Lucas Calpouzos of the Federal Experiment Station at Mayaguez Dr Theis also made preliminary rust readings. The Race 264 rust used for the inoculations was purified and increased at Ames, Iowa, by Dr M D Simons, pathologist in charge of crown-rust investigations for USDA.

DR. MURPHY at Beltsville doubts whether any of the resistant strains found in the tests represent new oat varietie as uch They should, however, prove of great value in the breeding and development of agronomically superior resistant varities which will meet commercial demands for high-yielding types

Development of new varieties, Dr Murphy explained, would take as much as 10 years bv conventional breedings methods and pedigreed selection But through back crossing, resistant varieties could be ready for growers in about six year or less

Puerto Rico was chosen as a location for the Race 264 test because oats are not grown commercially on the island Also, its isolation makes it highly improbable that windborne pores of dangerous rust races used there experimentally would reach oat-growing areas in the United States Transport of spores by wind is the principal way crown rusts and imilar plant pathogens are spread

4th Annual Feeder Calf Sale to Be Held Nov. 1

The Fourth Annual Feeder Calf Sale will be held Saturday, Nov 1, at the Lancaster Union Stock Yards, according to Walter M Dunlap Jr., sale secretary.

Entries are being accepted from breeders of purebred beef cattle from Pennsylvania and adjoining states

Maneb Best Control for Potato Blight According to Penn State Trials

Maneb stands out as the most desirable fungicide for control of early and late blight of potatoes, in tests by the Agricultural Experiment Station at Pennsylvania State University Harry C Fink, plant pathologist for the Station, says use of maneb gives consistently high yields

Dr Fink urges potato growers to try Manzate, M 22, and Dyene on small plots to see if they like them as alternates to their present sprays M 22 and Manzate have the same active ingredients he explains Dyrene is now used to some extent in other states

The three seasons of 1955, '56, and 57 were excellent for screening of potato fungicides, Dr Fink says In 1955 there was relatively little disease making it possible to study plant injury Late blight was prominent in 1956 Early blight was common in 1957

In 1955, ten fungicides were tested The most promising were

Material	Bushels per Acre Yield	Plant Injury
Manzate	164	none
Captan	162	foliage yellow
Copper-zinc	165	none
Dyrene	143	leaf burning along veins
Fixed copper	115	foliage yellow

Maneb was far the superior fungicide tested in 1956, Fink reports Dyrene was also better than check plots or the standard fixed copper spray

In 1957 maneb sprayed plots showed no defoliation while M-22, Dyrene, and fixed copper sprayed plants had only slight defoliation D-14 showed moderate defoliation Plants in healthy foliage left by September 1

28 Pennsylvania Holsteins Go To Mexico

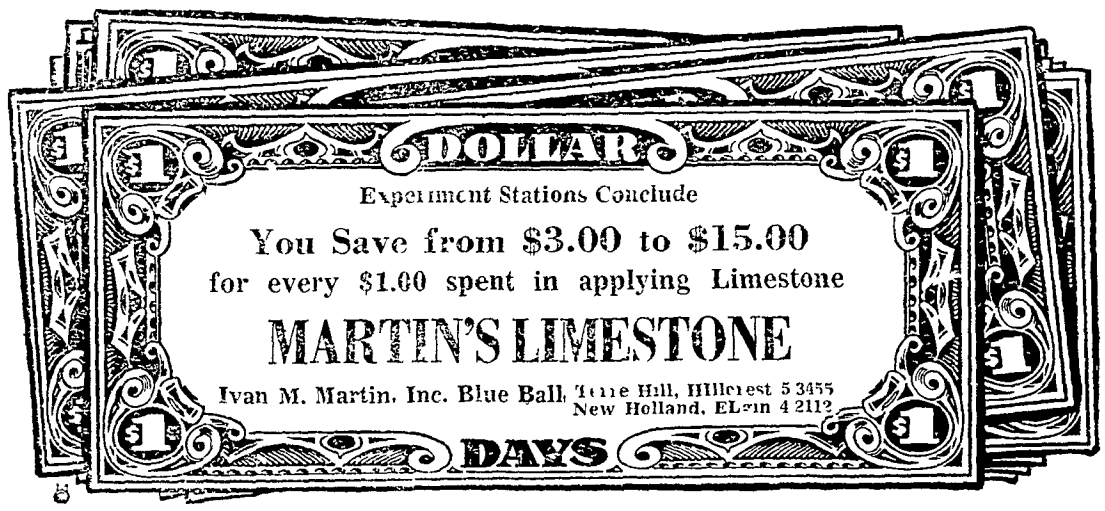
28 registered Holstein heifers from Pennsylvania were included in a recent shipment to Mexico

20 of the animals were from Mapoval Farms at Milan The balance were selected from the herd of C S Chaffee and George N Keis at Ulster

The transplanted Holsteins were purchased by two Mexican dairymen and are now grazing their new pastures

Since most dairy cattle in Mexico are of Holstein origin the continuing upswing in demand for fluid milk there has created a big market for quality seed stock from this country

The Holstein Friesian Association of America reports that of 1,510 registered animals officially transferred to new owners in other countries last year, 628 went to Mexico An additional 399 crossed the border during the first four months of 1958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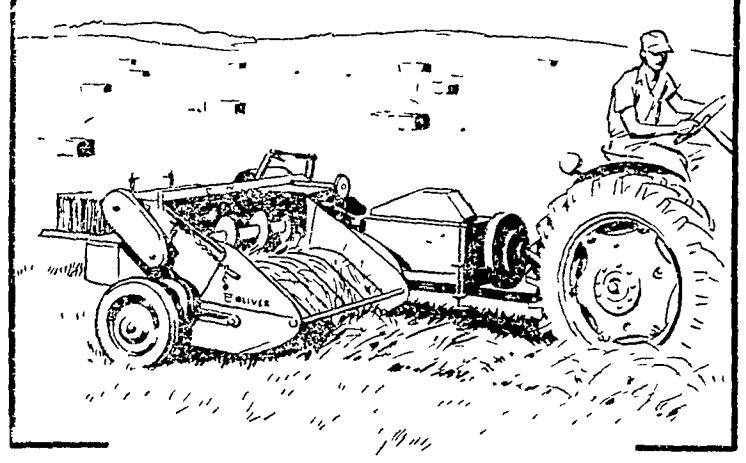

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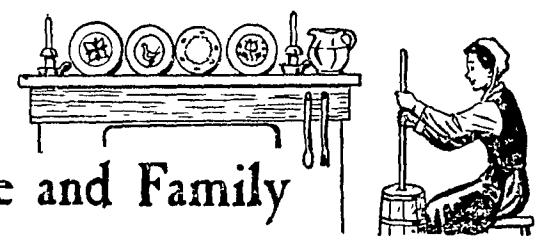

For the Farm Wife and Family

Honey, Popular Food for Centuries, Is Now More Appealing Than Ever

Honey today has all the qualities that have made it a favorite sweet for centuries. In addition, beekeepers and honey processors have new ways of handling and packaging honey that make it even more appealing to the taste and more convenient to use.

Most of the honey marketed in the United States is extracted honey, that is, honey that has been separated from the comb. The greatest share of ertracted hony is sold in liquid form, but crystallized honey is becoming increasingly popular. Honey in crystallized form may be called 'creamed," "candied," "fondant," or "spread", it has a fine texture, spreads easily, and doesn't drip.

Comb honey is sold as section-comb, cut-comb, and chunk honey Section-comb honey comes in wooden frames in which the bees stored the honey. Cut comb honey has been taken out of the frames, cut in pieces, and each piece wrapped separately Chunk honey consists of pieces of comb honey in a container with liquid honey filled in around them.

About four-fifths of extracted honey by weight is sugar, mostly in the form of simple sugars, which are easy to digest because they are already in the form that can be absorbed by the body Most of the remaining weight is water. There are, in addition, small amounts of protein, minerals, and vitamins.

KEEPING HONEY — Extracted and comb honey keep best in covered containers in a dry place at room temperature (70 to 80 degrees F.). The cover is necessary, because honey loses aroma and flavor and absorbs moisture and odors readily when exposed to air

Creamed honey may be kept at room temperature or in the refrigerator. Keep in the refrigerator if the temperature of the room is very warm. Creamed honey may partially liquefy if stored at too high a temperature.

Honey that has been diulted with water or other liquid should be kept covered in the refrigerator. Like other thin sirups it may ferment or mold quickly if not kept cold.

Honey kept for many months may darken slowly and become stronger in flavor but will still be usable

Honey may crystallize as it gets older, or if kept at refrigerator temperatures or lower.. Crystallization is a natural process and does not injure the honey in any way To bring crystallized honey back to liquid form, place the container of honey in a pan of warm water until the crystals disappear If further heating is necessary, raise the container of honey off the bottom of the pan by putting a rack under it, and set the pan over low heat Be careful not to overheat, too much heat causes the honey to change color and flavor

Honey is at its best uncooked Try it as a spread, topping, or sweetener to accent or enhance flavor of other foods

Honey may be used, measure for measure, in place of the sugar in preparing puddings, custard, pie fillings, baked apples, candied and "sweet-sour" vegetables, salad dressings, and cinnamon toast. Cakes and cookies made from honey remain moist on storage Some are improved in flavor and texture when aged a few days Crisp cookies, however, are likely to lose crispness on standing

(Continued on page nine)

A gift from across the sea, Danish dessert is fast becoming a favorite of gourmet circles in America. Its cool, piquant flavor, its bright sharp color, its many uses solo — or in combination —have all contributed to its increasing popularity. It is a fruit pudding — a pleasing blend of red berry juices and flavors with tapioca starch as the thickening ingredient. It is available in two flavors — currant-raspberry and strawberry.

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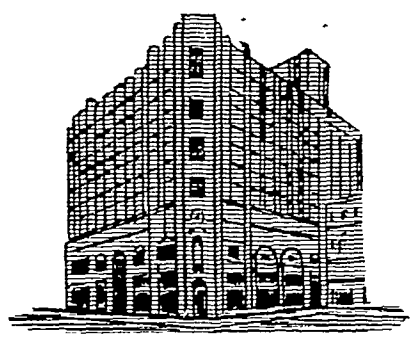

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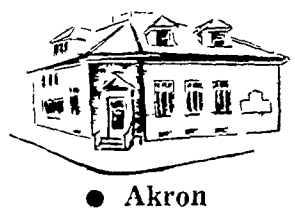

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For Farm Women . . .

(Continued from page eight)

For cakes and candies made with honey, you'll get best results if you use recipes developed especially with honey as an ingredient However, you can can use honey for part of the sugar in other recipes as suggested below

CAKES — honey can replace as much as one-half of the sugar without making it necessary to change the proportions of the other ingredients in the recipe.

COOKIES — the amount of honey that can replace the sugar varies with the type of cooky For gingersnaps, for example, replace no more than one-third of the sugar with honey. For brownies, honey may be used for half of the sugar called for. For fruit bars, honey can be used for up to two-thirds of the sugar.

In both cakes and cookies, the honey should be mixed thoroughly with the other ingredients to prevent a soggy layer from being formed on top. Combine honey with either the shortening or the liquid.

Use mild-flavored honey for bland dishes. Honeys with stronger flavor may be used in spice cake, gingerbread, brownies, and in other rather highly flavored products In any recipe, be sure to scrape all the honey out of the measure for accurate amounts

And now for some recipes using honey —

LEMON-HONEY CHIFFON PIE

1 tablespoon unflavored gelatin
¼ cup sold water
4 eggs, separated
¾ cup liquid honey
½ teaspoon salt
½ cup lemon juice
1 teaspoon grated lemon rind
9 inch baked pastry shell
1 cup heavy cream, if desired

Soften gelatin in the cold water, set inside. Beat egg yolks and combine with honey, salt, and lemon juice and rind Cook mixture over hot water until thick, stirring constantly

Add gelatin and stir to dissolve Remove from the heat and cool

Beat egg whites until stiff, then fold into the custard mixture Turn into a 9 inch baked pastry shell Chill until firm Top with whipped cream before serving, if desired Whipped cream may be sweetened or not, as prfeired.

HONEY LACE COOKIES

½ cup shortening
½ cup sugar
½ cup liquid honey
1 egg
1 cup sifted all-purpose flour
½ teaspoon soda
½ teaspoon baking powder
¼ teaspoon salt
1 cup quick-cooking rolled oats
1 cup shredded coconut
½ cup chopped nuts

Cream shortening, sugar, and honey together until light. Add egg and beat well

Soft flour, soda, baking powder, and salt together. Combine with the creamed mixture Stir in the rolled oats, coconut, and nuts

Drop by teaspoonfuls on a greased cooky sheet, 2 inches apart Bake at 350 degrees for 15 minutes or until the cookies are a golden brown Remove from pan while warm but not hot Makes 30 cookies.

HONEY-RAISIN COOKIES

½ cup shortening
⅓ cup liquid honey
2 eggs
1¼ cups sifted all-purpose flour
½ teaspoon nutmeg
½ teaspoon baking powder
¼ teaspoon soda
¼ teaspoon salt
⅔ cup seedless raisins
¼ teaspoon vanilla

Cream shortening and honey thoroughly Add the eggs, beat until well mixed.

Sift together the flour, nutmeg, baking powder, soda, and salt Add to the creamed mixture; stir until mixed. Add raisins and vanilla.

Drop batter by tablespoonfuls on a greased cooky sheet, 2 inches apart. Bake at 350 degrees for 12 minutes or until golden brown Makes 2 dozen cookies.

HONEY CHOCOLATE CAKE

⅔ cup shortening
1 cup liquid honey
2 eggs
2 cups sifted cake flour
½ cup cocoa
1 teaspoon salt
1 teaspoon soda
2 teaspoons baking powder
¾ cup buttermilk
1 teaspoon vanilla

Cream shortening and honey Beat in the eggs Sift flour, cocoa, salt, soda, and baking powder together three times.

Add dry ingredients alternately with buttermilk and vanilla to the creamed mixture and beat thoroughly Pour batter into two greased and floured 8-inch cakepans.

Bake at 350 degrees for 18 minutes Cool Spread one cup of any desired frosting between layers and one cup on top.

HONEY-NUT SPICE CAKE

½ cup shortening
½ cup sugar
½ cup liquid honey
1 egg yolk
½ cup coarsely chopped nuts
2 cups sifted cake flour
2 teaspoons baking powder
¼ teaspoon soda
¼ teaspoon salt
¾ teaspoon cinnamon
¼ teaspoon cloves
¼ teaspoon nutmeg
½ cup water
1 egg white

Cream shortening and sugar until well blended. Add honey, egg yolk, and nuts, beat 1 minute.

Sift together the flour, baking powder, soda, salt, cinnamon, cloves and nutmeg

Add dry ingredients alternately with the water to the creamed mixture, beat thoroughly

Beat egg white until stiff but not dry Add to cake mixture and fold in carefully

Pour into two greased and floured 8 inch layer pans Bake at 350 degrees for 25 minutes. Put layers together with Lemon Cream Frosting or other preferred frosting

LEMON CREAM FROSTING

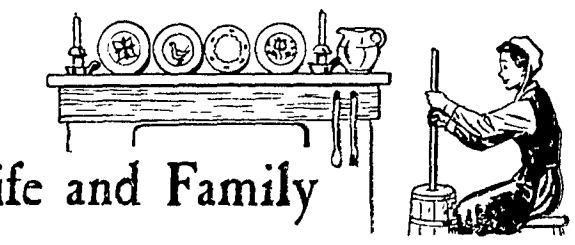
¼ cup butter or margarine
2 cups sifted confectioner's sugar
3 tablespoons hot milk
¼ teaspoon salt
2 teaspoons lemon juice

Cream butter or margarine until light and fluffy. Add confectioners' sugar and hot milk alternately Beat well after each addition Blend in the salt and lemon juice Beat until light and fluffy Makes about 2 cups.

HONEY-PEANUT BUTTER CUSTARD

1⅓ cups skim milk or reconstituted nonfat dry milk
⅓ cup peanut butter
2 eggs
3 tablespoons liquid honey
¼ teaspoon salt

(Continued on page ten)



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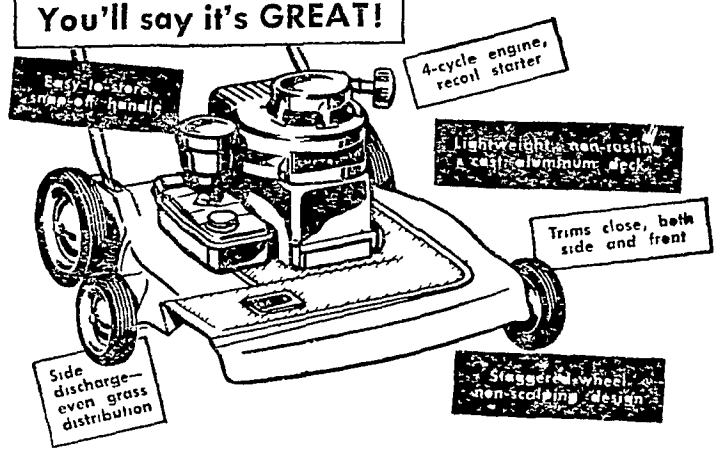
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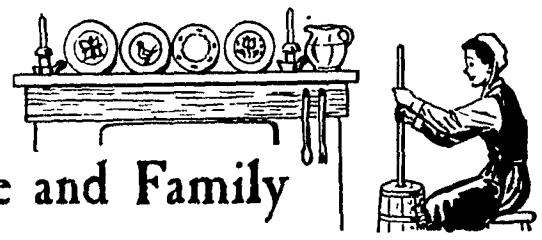

For the Farm Wife and Family

(Continued from page 9)

Add the milk gradually to the peanut butter, stirring until smooth

Beat egg slightly, add honey and salt, and stir to mix

Combine the two mixtures Pour into a small (1-pint) baking dish. Set baking dish in a pan of hot water and bake at 325 degrees about 30 minutes, or until custard is set Makes four ½-cup servings

HONEY-APPLE CRISP

2 cups pared and sliced apples
2 tablespoons sugar
1½ teaspoons lemon juice
¼ cup all-purpose flour
¼ cup liquid honey
2 tablespoons brown sugar
⅛ teaspoon salt
2 tablespoons butter or margarine

Place apples in a shallow baking dish Combine the sugar, lemon juice and honey Spread over apples Mix the flour, brown sugar, and salt, cut or work in the butter or margarine until mixture is crumbly Cover apples with the flour mixture and bake at 375 degrees for 30 to 40 minutes or until the apples are tender and the crust is brown Good served with whipped cream and a dash of cinnamon on top Makes 4 servings

HONEY SALAD DRESSING

1 teaspoon paprika
½ teaspoon powdered dry mustard
½ teaspoon salt
½ teaspoon celery salt
½ cup liquid honey
3 tablespoons lemon juice
¼ cup vinegar
1 cup salad oil

Mix the dry ingredients Add the honey, lemon juice, and vinegar Slowly add the salad oil, beating until well blended Makes about 2 cups

HONEY SANDWICH FILLING

1 Beat together until fluffy three tablespoons liquid or creamed honey and a 4 ounce package cream cheese Use about 2 tablespoons of the filling to a sandwich

2 Honey with chopped dried fruits and chopped nuts if desired

3 Honey and chopped or grated orange peel

4 Honey and peanut or almond butter

Farm Women 8 Rent Sewing Machine for 4-H

Society of Farm Women 8 met May 17 at the home of Mrs Abner Risser, Bainbridge Road, Elizabethtown Co-hostesses with Mrs. Risser were Miss Ada Kraybill, Mrs John Keener and Mrs Benjamin Keener

A contribution for the support of the Migrant Workers program was made The Society will rent a sewing machine for the use of the Donegal 4-H Sewing Club

An invitation was extended the group to attend the educational program and tea to be held May 22 at the Production Credit Bldg., Lancaster, by the Pennsylvania Farmers Assn The proposed new technical school will be discussed by William Beahen, principal of Donegal schools

Mrs John D Long, Lancaster, spoke to the group on 'Home and Family"

Mrs Abner Risser, delegate to the Pennsylvania Citizens Assn meeting at the Stevens House May 1, reported on the highlights of the meeting

The next meeting will be held June 21 at the home of Miss Mary Strickler, R2 Mt Joy

Farm Women 9 Entertain Society 20

Farm Women 9 entertained Farm Women 20 May 17 at the Martic Township Elementary School A special program was given by Society 9

Devotions were in charge of Mrs Dorothy Warfel president

Mrs Elam Buckwalter, county president, gave a short talk.

Speaker at the meeting was the Rev Frances Barnett of the Lancaster Church of God His topic was 'Mothers

In the musical program, piano

Farm Women's Society 22 Hosts Society 8; Mello-drama Given

Farm Women's Society 22 met May 13 at the Farm Bureau Cooperative, Lancaster They entertained 21 members of Society 8

The meeting was opened by devotions led by Mrs. Melvin Peiffer and Mrs Wilmer Andrews.

Each member answered roll call by giving the number of their children

THE VISITING president addressed the group

After a short business meeting the group was entertained by a pantomime entitled "Mello-drama" by Mrs. William Weller, Mrs Harold Ranck, Mrs Paul Miller, Mrs. Lester Landis, Mrs Charles Shirley, Mrs. Donald Esbenshade, Mrs Eugene Bare, Mrs Norman Kalb, Mrs. Clarence Rohrer, Mrs Willis Rohrer, Mrs Charles Fisher, with Mrs Harold Zook serving as narrator

Speaker at the meeting was Mrs Miriam Collins, hand writing analyst Following the speaker, games were conducted by Mrs. Jay Landis

A FOOD COMMITTEE was appointed for the family picnic to be held in July. They are Mrs Norman Kolb, Mrs Lester Landis, Mrs Clarence Rohrer and Mrs Willis Rohrer

The next meeting wil be a luncheon meeting to be held at 1 p m June 1 at the home of Mrs Willis Rohrer, Smoketown Mrs Clarence Rohrer will be co-hostess.

After the luncheon, the group will visit the Amish Farm and Christ Home

Mother's Day Program Given By Society 2

A Mothers Day program was the highlight of the May 17 meeting of Farm Women 2. Plants were given the oldest and youngest mothers present

The meeting, held at the home of Mrs Silas Long, R4 Manheim was opened with a song and the reading of Scriptures by Mrs Jay Sahm

The Society's secretary, Mrs. Earl Petticoffer, gave a report on the meeting of the Pennsylvania Citizens Assn

Mrs Mary Witmeyer reported that five members served as waitresses at the Heart Haven Bazzar

A reading on Mothers was given by Mrs Roy Shelly Jr.

Mrs Norman Moyer, R1 Manheim, gave an interesting demonstration on cake decoration

A $10 contribution was made to the Muscular Dystrophy fund

Refreshments were served by Mrs Long and co hostess, Mrs Martin Hosler

solos were presented by Arlene Huber and Lynn Kneisley, the two young ladies then combined their talents for a piano duet. A guitar number was played by Mary Brinley

Vocal selections were presented by Mrs Martin, soloist; Tommy and Suzy Martin accompanied by their mother, and Joan Nicodemus accompanied by Mrs Helen Eshleman

Farm Women 18 See Cooking Demonstration

Farm Women Society 18 met May 17 at the home of Mrs Willis Z Esbenshade, 1631 Esbenshade Rd, Lancaster. Mrs Edward M Wissler was co-hostess

The president, Mrs Robert R Good, presided Devotions were led by Mrs William P. Shelton Twenty two members answered roll call by giving a cooking hint

Mrs Sterling Elmer reported on the Pennsylvania Citizens Assn meeting, and Mrs H Raymond Stoner reported on the Community Council's meeting

The two hostesses gave a cooking demonstration of five luncheon items which were later served to the members Mrs Esbenshade and Mrs Wissler had attended a cooking demonstration given by Mrs Ruth Kreibich of the Home Economics Extension Service of Lancaster County.

The next meeting will be held at 2 p m June 21 at the home of Mrs H Raymond Stoner, 1051 Eden Rd, Lancaster. Members will make flower arrangements after a demonstration by Mrs Lester H Kreider

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KimberCHIKS® LAY WELL IN VARIED ENVIRONMENTS

Rank of nationally sold chicks in 1956-57 tests
(Based on income over feed cost except in N Y. C. and Missouri.)

Entry	Calif	Mo. B	Mo. ‡	N Y C.	Tenn.	Utah*	Ave. Rank
Kimber K-137	4	4	6	5	2		4.2
Strain A	3	10	—	10	1		6.0
Strain B	11	16	2	3 5†	4		7.3
Strain C	5	18	18	12	5		11.6
Strain D	—	6	24	—	10		13.3
Strain E	38	3	25	15	3		16.8
Strain F	23	20	—	7	18		17.0
Strain G	—	25	27	11	13		19.0

*Incomplete †Average of 2 entries. ‡Income over feed and chick costs

K-137 entries ranked FIRST IN NET INCOME among all nationally sold chicks entered in three or more of the above tests. *The average net income from Kimberchiks was 56¢ higher than the average of all entries.* Such consistent, profitable performance in a wide variety of environments should encourage you to order K-137 Kimberchiks this season.

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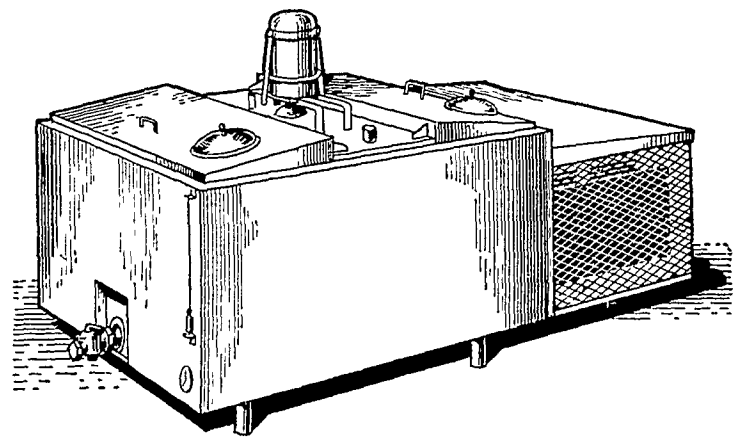

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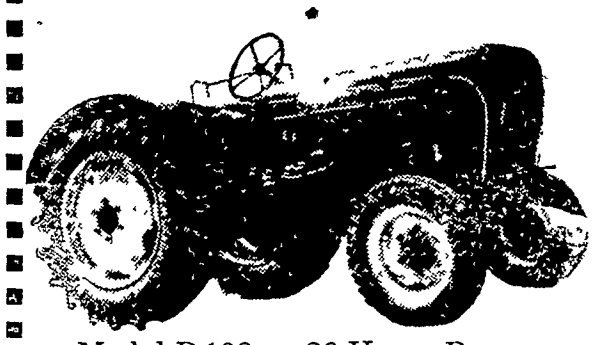

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Livestock Poisoning by Pesticides Now Can Be Diagnosed More Easily

Occasional but expensive livestock poisoning by insecticides and herbicides has led USDA to study and develop some guides in dealing with this hard-to-diagnose type of ailment.

The newer chemicals are a boon to agriculture. Most of them are used on crops intended for livestock feed and can be so used safely. But poisoning can occur when animals are allowed to eat overtreated plants.

THE CHLORINATED hydrocarbon insecticides are an example They include the well known and widely used DDT, TDE, methoxychlor, benzene hexachlor isodrin, and endrin These act primarily on the central nervous system — produce many symptoms from severe depression to violent convulsions and death by respiratory paralysis In autopsies on mildly poisoned animals, the liver, kidneys, and sometimes the brain were found to be affected But surprisingly few such symptoms were found in acue poisoning

Diagnosis of poisoning by the chlorinated hydrocarbons should be made only after thorough study of the history, symptoms, length of exposure, and lesions. Veterinarian R. D. Radeleff of the ARS entomology research station, Kerrville, Texas, found this is necessary That's because fully a third of the test autopsies failed to reflect the ailment, even where severe toxic symptoms were present.

IN MAKING AN autopsy diagnosis of suspected chronic poisoning, it's better to analyze the stomach contents ather than the tissues, for excessive amounts of poisons. Or if the animal has been sprayed, it's better to analyze the hair rather than the tissues The animal may have accommodated itself to chronic buildup of poisons in the tissues but may actually be suffering from serious disorders such as rabies, pseudo rabies, encephalities, and salt poisoning

Animals that show clearcut symptoms of poisoning by chlorinated hydrocarbons will usually recover completely if provided a quieting agent, soothing environment, good nursing care, and fresh, uncontaminated feed

ORGANIC POSPHORUS compounds are closely allied to the nerve gases developed for chemical warfare These compounds include parathion, methyl parathion, malathion, Dipterex, chlorothion, Guthion, and others. They act primarily by adversely affecting the animal's nervous system. Animals so poisoned breathe with difficulty, slobber, and stiffen Spontaneous recoveries are common if the poisoning isn't severe or if recovery isn't interrupted Autopsies on poisoned animals show only some swelling or congestion of the lungs

Atropine sulfate is a good antidote for organic-phosphorous poisoning But it must be given in large doses — about one-forth intravenously and the rest subcutaneously or intramuscularly Recently, 2-PAM (2 pyramidyl aldoxime methiodile) — preferably administered with atropine sulfate — was found to be especially good in parathios and diazinon poisoning

Amount of insecticide applied to the crop is as important as toxicity in evaluating the chemical's angers. Some highly toxic insecticides are safe because they are used in such small quantities on crops that it's almost impossible for animals to get enough to be poisoned. But some of the less toxic compounds become dangerous because of the much greater quantities used on crops Important, too, is the size of the chemical particles The larger the particles in the emulsions, the greater the deposits on an animal's hair

Many farmers don't understand the effects of concentration and particle size on animals. Plant chemicals generally deposit more residuants than do livestock preparations Even thogh pesticides are properly manufactured, they may be misused Plant chemicals often are used on animals This has led to some of our greatest livestock losses

HERBICIDES HAVE rarely been known to poison livestock despite claims to the contrary, according to Radeleft. The fact that herbicides are used to kill foliage limits the palatability of the treated plants The only danger lies in consumption of freshly treated plants. And this can be avoided by removing livestock from the treated area for one or two weeks at most The large dosages of these compounds required to poison also limits the dangers of their use.

Pentachlorophenol — used to defoliate cotton and to preserve wood — was found by Radeleff to be lethal for calves up to a year old at 10 milligrams per kilogram of live body weight and mildly toxic at 25 mg per kg. Sheep were killed by 200 mg per kg, recovered from 100 mg per kg, suffered mildly from 25 mg per kg. Animals aren't apt to eat too much.

LIGHT APPLICATIONS of the algacide Delrad in ponds weren't hermful to cattle or sheep when they drank water containing 100 parts of the chemical per milion. Cattle showed severe poisoning at doses of 250 mg. per kg; young calves were severely affected by 150 mg. per kg; and sheep were affected by 500 mg. per kg.

Work elsewhere has shown that 2,4-D and 2,4,5-T (common weed-killers) and their derivatives aren't very toxic. Cattle, sheep, cows, and swine were pastured under test on foliage treated at higher than normal rates with no harmful effects The toxicity of arsenical compounds is well established A few are still used and doubtless will continue in use for specialized work

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Wheat Penalty Rate $1.09 On 1958 Excess

The U S Department of Agriculture recently announced a marketing quota penalty rate of $1 09 per bushel on "excess" wheat of the 1958 crop.

As directed by law, the rate of the marketing quota penalty is 45 per cent of the parity price per bushel of wheat as of May 1 of the calendar year in which the crop is harvested. The current parity price for wheat is $2 42 per bushel

Growers approved marketing quotas for the 1958 wheat crop on June 20, 1957 When wheat marketing quotas are in effect, a farmer who does not comply with the wheat acreage allotment established for his farm is subject to a penalty on his fam marketing excess, unless he harvests 15 acres or less or has signed an agreement permitting him to produce up to 30 acres of wheat for feed use on the farm

Wheat produced on a farm having a farm marketing excess is not eligible for price support.

The national average minimum support price for 1958-crop wheat is $1 78 per buch, which was 75 per cent of the April 1957 parity price with a transitional adjustment The final average support price for the 1958 crop will be 75 per cent of the effective parity as of July 1, 1958, if this is higher.

Large Number of Broilers Likely Next Year as Pullet Placements Rise

Prospects for larger numbers of broiler chickens next year are seeming more certain with the release of the April broiler pullet placement report this week by the state Crop Reporting Service

Ten of the largest primary breeders of broiler replacement stock placed 3,320,000 chicks in April, nine per cent more than the 3,033,000 pullet chicks placed in April 1957

Pullet chick placements by these 10 breeders during the first four months of 1958 totaled 10,690,000 — 13 per cent more than during the same period of 1957

Dozen DHIA Openings Now In Solanco Area

Dairy Herd Improvement Assn memberships are being sought for Assn 10 in the Quarryville and southern Lancaster County area, according to Victor Plastow, associate county agent

Plastow said Monday that the new record year begins June 1

A new tester will be hired for the area and the association hopes enough work will be available to make it a full-time position

At least a dozen herds can be added to the association, Plastow said.

Dairymen interested in joining Assn. 10 should contact Plastow at the Lancaster County Agricultural Extension Office, 202 Post Office Bldg, Lancaster.

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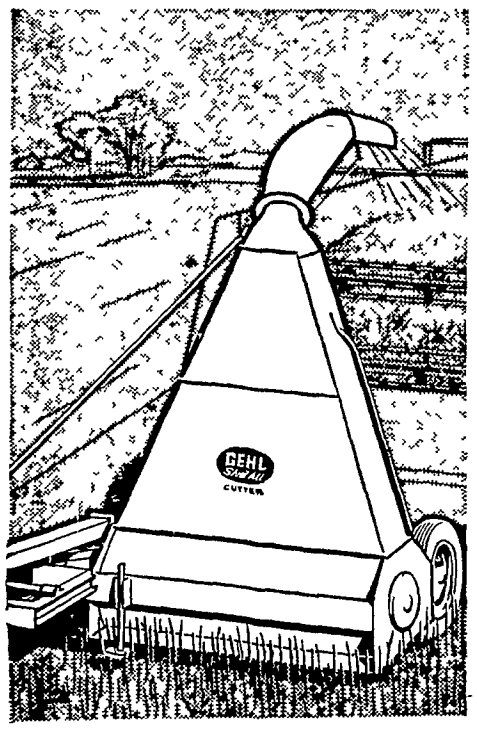
New Shred-All Cutter



the all-purpose cutter

The rugged-built Gehl Shred-All is a new low-cost, time-saver for many jobs! Three types available: the Basic Cutter unit is perfect for shredding stalks, beet tops, weeds and brush and for many other cutting jobs; and your choice of two deflectors which chop and blow green-crop feed—even windrowed hay and straw! Either deflector is controlled from the tractor seat—one for rear loading, and the other for side-or-rear loading. Be sure to check the Gehl Shred-All. It's built with famous Gehl quality!

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Feeder Space for Turkeys Should Be at Least Two Inches, Tests Show

How much feeder space do growing turkeys need? This question, which is still a problem to many growers, was studied recently in two feeding tests conducted by the Ralston Purina Company. One was at the Purina research farm in Missouri, while the other was conducted at Berea College in Kentucky The Berea study involved 6,000 Broad Breasted Bronze turkeys and was carried on jointly by the college and Purina

When the Berea turkeys were nine weeks old, they were divided into four equal groups of 1,500 each Groups I and II remained in the pole shed. Birds in Group I were allowed one inch of feeder space each Those in Group II were allowed two inches Group III and IV were moved to range Group III was allowed ½ inch feeder space per bird while Group IV was allowed 1½ inches

In this test, where more feeder space was allowed, toms at market time averaged about one pound more per bird, and hens about 4 pound more each, than their counterparts in the crowded pens However, a beter feed conversion was obtained from the crowded feeders. The extra feed required in the less crowded feeders was in direct proportion to the extra feeder space, which suggests that feed wastage accounted for the difference in feed efficiency

In the Purina farm tests, two pens of 240 comparable Broad Breasted Bronze turkeys were involved In one pen, two inches of feeder space was allowed each bird, compared to four inches in the other. At market time, the birds eating from the less crowded feeders averaged weighing ¾ of a pound more each than those in the other pen They made this extra gain with as efficient feed conversion.

The commercial turkey grower's objective is to get maximum weight on his birds with maximum feed efficiency Amount of feeder space allowed per bird has an influence on both factors. Research is continuing, but conclusions of the work conducted to date suggest that at least two inches of feeder space should be allowed each bird for best results.

Broiler Chick Placements Still Up, But Show Signs of Declining

Placement of broiler chicks at 998,000 increased 75,000 from last week, and were up 12 per cent from the corresponding week last year, according to the state Crop Reporting Service

Outshipments of broiler chicks were 252,000, inshipments were 115,000. Eggs set for broiler chick production totaled 1,575,000, up three per cent from last week, and up 17 per cent from the corresponding week in 1957

Placements of broiler chicks in the 22 important broiler growing states were 24 per cent above the corresponding week last year, two per cent above last week

Settings of eggs for broiler chick production were 25 per cent above the corresponding week last year, and one per cent above last week

However the rate in increase of broiler chick placings seems to be leveling off for the first time this season

Hog-Cholera Vaccination Rate Declines

During the past few years there has been a gradual drop in numbers of pigs vaccinated against hog cholera, the U S Department of Agriculture reports.

Swine breeders and farm organizations have expressed concern over this downtrend. They are fearful that a continued decline in vaccinations — and consequently in the production of vaccine — might leave the industry without enough hog-cholera serum to combat an extensive outbreak, if one should occur.

Officials of USDA's Agricultural Research Service say there is no evidence at present that the incidence of hog cholera is increasing They point out, however, that fewer vaccinations could mean increased changes of costly outbreaks of the disease.

FOR A NUMBER of years prior to 1952, an average of about 50 per cent of the annual U S pig crop was vaccinated against hog cholera But during the past five years, the number of animals receiving vaccinations has gradually declined, reaching a low of just under 40 per cent of the pig crop in 1957

Total swine production in this period has averaged about 90 million pigs a year Hog cholera was recently estimated to cost growers some $40 million annually, or about one per cent of gross returns from the $4 billion swine industry

THE HOG-CHOLERA serum marketing agreement and order administered by USDA requires that commercial producers of serum have available on May 1 each year not less than 40 per cent of the amount of serum they sold the previous year.

Hog cholera was first reported in the United States 125 years ago and now occurs in every state Caused by a virus, it is the most serious of all swine infections There is no cure or dependable treatment for the disease, but available vaccines are effective Hog cholera is most prevalent in the Midwest and South, where hogs are raised in large numbers Spring and fall are peak seasons for vaccinating animals against the disease

Delmarvians to Stage Barbeque School at Denton, Md., June 26

TRENTON, N J. May 28—The poultrymen of Del-Mar-Va are noted for their ability to produce chicken and to merchandise it. The Poultry Barbecue is taking the country by storm, and Delmarvians are preparing to encourage the "storm" of succulent barbecued chicken by asking NEPPCO and PENB to stage one of their well known Barbecue Schools at Delmarva Festival, Denton, Md, June 26.

Poultrymen from Virginia, West Virginia, Maryland, Pennsylvania, Delaware and New Jersey are expected to attend the school, which will specialize in teaching poultry barbecue techniques involved in feeding groups ranging in size from 10 to 1000. The course has been designed to meet the tremendous demand for poultry barbecue at church and organizational functions.

Those trained in the course will be well qualified to put on "professional" cook-outs, for the final examination consists of preparing a complete barbecue for those attending the Delmarva Poultry Festival. The course covers the complete range of barbecuing — from organizing and promoting, right through to the construction of pits and equipment. "Secret" recipes for sauces and in the cooking procedures are part of the program The barbecuing of ducks turkeys and Cornish hens is covered, as well as cooking the standard broiler

Joining with the Council in conducting the school is the New York division of the Poultry and Egg National Board, national organization for increasing poultry and egg consumption — and the University of Maryland Extension Service

The Denton, Md., program will be held at the High School Grounds, the same site as the Delmarva Poultry Festival In past years, students have traveled hundreds of miles to be present at the unique schools the only ones of their kind being conducted east of the Mississippi

Prospective students for the event are required to register in advance Rservations or rquests for information should be directed to NEPPCO, 10 Rutgers Place, Trenton 8, New Jersey.

Bargains at Groff's

Dri Brite Wax	Qt.	.59
15" Window Screens		.84
Hot Shot Batteries		3.35
100# Michigan Peat		2.95
Large Bale Peat Moss		4.00
Seaboard Lawn Seed	lb.	.89
Killer Kane		1.49
Aluminum Trellis		7.45
21" Moto Mower		69.95
18" Penna Rotary Mower		84.44
20" Reel Mower		84.95
Charcoal	10 lb.	.68
Barbecue Grill		4.95
Aluminum Folding Chairs		7.11
6 Pc. Glider Cushions		17.95
¼ Black & Decker Drill Kit		27.95
50 Pc Tool Set		17.95
10 Gal. Galv. Garbage Can		2.22
20 Gal. Galv. Ash Can		2.77
Tennis Ball 3 to can		2.10
Official Reach Baseball		2.22
Gym Set and Slide		25.55
Speed Queen Washer		99.95

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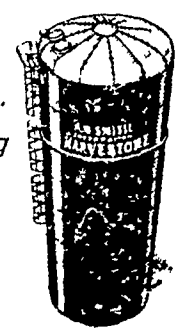

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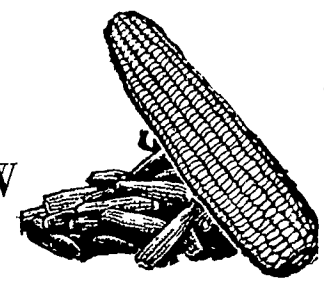

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MOST OF THE MODIFICATIONS to a four row wheel track planting rig are made to the front of the tractor Notice espesially the oversize tires and how the spray drums are mounted at the front of the tractor to provide more weight on the front wheels

(LF Photo)

Wheel Track Planting Shows Profit For the Farmer with Large Acreage

(Continued from page one)

Here is what farmers had to say about the method when quizzed by University of Wisconsin men

"**THE FIRST YEAR** (1956) we had a four inch rain right after planting The land which had been worked conventionally was badly washed The wheel track planting had very little erosion There was much less compaction on the wheel track planting As I now, I will never plant corn any other way"

"I narrowed my tractor from 56 inches to 40 inches After driving it once around the yard, decided that I would ather get killed some other way" (This farmer planted 60 acres with a tricycle tractor hook-up)

"I found you need a good job of plowing about seven to eight inches deep, with a completely turned furrow Keep all tracks from other machinery off the field or you will have touble"

Conifers Best For New Area Tree Planting

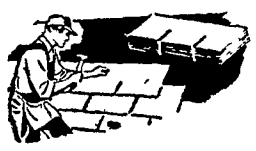
Choice between conifers and hardwoods for reforestation of unused fields is a problem which should be approached with care. W C Bramble, forester for the Agricultural Experiment Station, Pennsylvania State University, believes The natural succession of forest trees in most of Pennsylvania is pines followed by hardwoods, he points out

A long wait may be necessary before an old field becomes suitable habitat for deciduous trees. but this is nature's way, he says Hardwoods appear in old fields occasionally to form an early stage of plant succession, but such forests are very difficult to imitate in tree plantings Invasion of hardwoods into stands of conifers is a slow process brought about by squirrels that transport nuts and acorns and by birds and winds that bring in tree seeds of other kinds

"**THIS IS A** hardwoods area; let's plant hardwoods," may be an unfortunate conclusion, he advises if experience in the University woodlands is an indicator. Of several species of hardwoods planted in old fields for experimental comparison in 1939, red oak alone has grown faster than adjoining white pines.

White ash planted beside red pines are only half as large The ash are of poor form and vigor and are infested with oyster shell scale Likewise, tulip poplars, three feet shorter than red pines, have suffered from mouse and rabbit injury and many trees have developed multiple stems

Black locust planted in blocks have been a disappointment They have been riddled by locust borers and the trees have poor form and are low in vigor This species sometimes seves as a good nurse tree, Dr Bramble declares, since it is a legume and tends to add nitrogen and calcium to the soil in which it grows Where it has invaded conifer plantings, the evergreens are darker and it has superior form and is free of borers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This Should Be A Good Poultry Year
W H Y ?
1. Last year at this time there were 85,000,000 lbs. of frozen eggs on hand. This year there are only 50,000,000 lbs available.
2. Last year there were 1,000,000 cases of shell eggs in storage. This year only 100,000 cases are in storage.
3. There are 32,000,000 **less** layers on farms now than for the yearly average number for the past 10 years.
ORDER YOUR HONEGGER CHIX FOR MAY AND JUNE DELIVERY TODAY. CHICK PRICES FOR MAY AND JUNE CHICKS HAVE BEEN REDUCED.
U.S.D.A. reports as of April 11, 1958
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LY 3-5941

Osaka Exhibit Wins Praise From Trade

The U S agricultural exhibit at the Japan International Trade Fair at Osaka was praised by Japanese and U S trade representatives and other Fair visitors for its demonstration of the importance of U S farm products to Japan's economy and standard of living

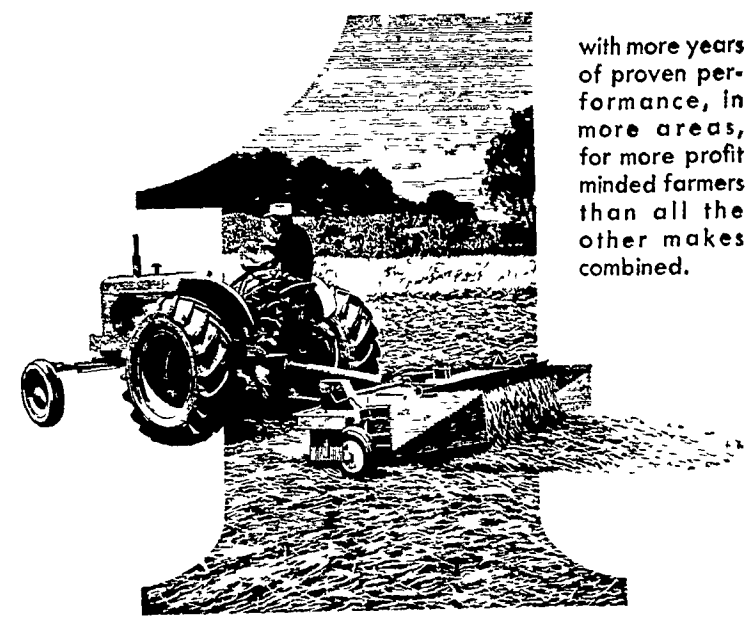
The Fair which opened April 12 and closed April 27, set an attendance record of 1,265,00 persons, twice as many as expected Up to 15 000 people an hour moved through the U S agricultural exhibit

Visitors to the U S exhibit showed keen interest in the displays which explained how U S agricultural commodities are converted into high nutrtion foods, and high-quality soap, cigarettes and clothing to meet Japanese consumer needs

In each of the past seven years Japan has been either this country's most important, or second most important, foreign agricultural market, buying about $400 million worth of U S farm products annually

Commodities featured in the exhibit were cotton, soybeans, tallow, tobacco and wheat Special days devoted to each commodity attracted prominent Japanese trade representatives Although actual sales could not be made at the exhibit, the displays facilitated later transaction by furthering U S Japanese business contacts

A 7 man U S agricultural market development team was at the Fair, headed by Raymond A Ioanes, Deputy Administrator of the Foreign Agricultural Service Clarence Miller, asociate director Commodity Stabilization Service, was deputy head of the team.

Don't Just Buy a Hay Crusher
Don't Just Buy a Crimper
Do Buy a Hay Conditioner . . .
Be Sure To Buy a Cunningham
Cunningham
THE WORLD'S NUMBER ONE HAY CONDITIONER

with more years of proven performance, in more areas, for more profit minded farmers than all the other makes combined.
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Quarryville

New Systemic Insecticide Proves Effective in External Spray

A new systemic insecticide, Bayer 21/199, has proved effective as an external spray in controlling grubs in cattle and screwworms in cattle and sheep, USDA research has shown This chemical proved much less effective as an oral medication

Bayer 21/199 is an organic phosphorus compound that works systemically—is absorbed through the skin, translocated to tissues containing grubs If the spray is applied several weeks before the grubs normally appear in the back, it prevents further development of the larvae It kills screwworm larvae mostly on contact.

The sprays were tested both as emulsions and as suspensions of the chemcal The former were more ecective in controlling the cattle grub but both were equally effectve treatments for the screwworm

Against cattle grubs—larvae of the heelworm fly—the Bayer 21/199 sprays prevented grubs from appearing in the backs of most tested cattle. The only exceptions were two animals that received were two animals that received a low concentration of a suspension spray.

Three concentrations of the compound—0 25, 0 5, and 0.75 per cent—were sprayed in November 1956 on 48 beef yearlings heavily infested with the common and northern species of grubs. Sixteen untreted animals served as checks. Spray was pplied under 300 pounds pressure at an average rate of 1½ gallons per animal. It was necessary to apply large quantities under pressure to thoroughly wet the animals' thick winter coats

The treatment prevented grubs from appearing in the backs of all except two anmals sprayed with 0 5 per cent suspension. One had seven grubs, the other had one that didn't develop

Oral treatment with the new chemical gave some control but was abandoned because of toxicity to cattle.

Untreated cattle in both spray and oral tests averaged 44 grubs per anmal Even though use of Bayer 21/199 for cattle grub control hasn't yet been approved ARS entomologist O H Graham feels that emulsion spay treatments with it are very practical (1- if applied several weeks before grubs appear in the back, and (2) if applied so as to insure adequate skin absorption

Against the screwworm, both emulsion and suspension sprays of Bayer 21/199 were effective. Use of these sprays in controlling screwworms would be a great help o lvestockmen. It would eliminate, for example, the current pactice of riding the range daily hunting for infested animals and applying a smear to the wounds.

(Animals are then kept in small pactures for several weeks and treated every two to four days.)

Extensive trials with over 11,000 sheep on nine Texas ranches showed effectiveness of the compound against scewworm These shep were sprayed immediately after shearing to protect shear cuts from infestation. Another group of 408 sheep and goats was treated to prevent infestation through injuries associated with lambing, castration, docking, ear tagging, and old screwworm wounds.

Most of the sprays were suspensions prepared from a wettable powder containing 25 per cent active ingredient. About one quart of the compound was sprayed on each sheep or goat.

In general, tests on both groups of animals had excellent results Sprayed animals were protected from screwworm infestation for 10 to 20 days—long enough for most injures to heal completely or to such an extent that they no longer attracted screwworms. Even where spray treatments ultimately failed, they gave 10 days' protection. (EQ-335, a lindane-based compound widely used by sheep men to treat their sheep for scewworms, fequently failed as early as two to four days after treatment).

Bayer 21/199 kills the screwworm both upon contact and through systemic action but the systemic action lasts for only a day after spraying. Long term effectiveness of the compound against the screwworm is due to the minute paticles of insecticide that flake off the animal's hair into the wound, killing the worm.

USDA Dairy Scientists Start Crossbreeding Study

Additional information on whether crossbreeding of dairy cattle can usefully serve the Nation's dairy industry is the goal of a study just begun by US Department of Agriculture dairy ecientists at the Agricultural Research Center, Beltsville, Md

The long-range project will compare purebred Brown Swiss, Ayrshire, and Holstein cows to crosses of the same breeds. The test matings have been planned so that two- and three-way crosses can be compared in the same generation.

Results of the trials will be evaluated on the basis of milk production, butterfat content of the milk, solids-not-fat production, breeding characteristics, birth weight, growth rate of calves, and feed efficiency. This study should give further information on the value of crossbreeding for rapid herd improvement when sires from artificial breeding establishments are used.

PROCESSED POULTRY

PHILADELPHIA, May 28 — Ready to cook ice packed broilfryers — steady. Demand was good. Supplies were adequate for immediate trade needs

Prices paid delivered ware house, Philadelphia (cents per lb) Grade A & US grade A, 2-3 -lb. 34½-37, mostly 34½-35.

Hens: Ready to cook (ice packed) Steady Supplies were no more than sufficient to meet the good demand.

Prices paid delivered warehouse, Philadelphia (cents per lb) Grade A and US grade A 4-5½ lb. 38-40.

Receits May 27 — 251,000 lb other than turkeys. Maryland, 70,000 lb, Delaware, 77,000 lb, Virginia, 32,000 lb, North Carolina, 47,000 lb.

LIVE POULTRY

PHILADELPHIA, May 28 — Unsettled Trading was active as buyers prepared for the week-end demand which centered on hens, caponettes and fryers. More than ample supplies of all classes were offered Buyers were critical on size and quality.

Receipts May 27 — 112,00 lb. including Delaware 30,000 lb., Maryland 5,000 lb

Wholesale selling price No 1 & fancy quality Broiler-fryer heavy type 3-4 lb 22-25, pullets 4½ lb and over 30-31, hens, heavy type 26-29, light type 16-21, old roosters 10-12, ducks Pekin 30.

Expanded Hay Show Series Planned By PSU Agronomists This Summer

By NORMAN EBERLY
Penn State Ag. Editor

Samples from forage stands soon to be harvested on Pennsylvania farms will be among entries at five district hay shows in the state.

Frank G. Bamer, chairman of agronomy extension at Penn State University, said this will be the third annual series of hay shows. The dates: Aug. 21-23, Hershey, for Southeast Pennsylvania; Oct. 7, Greensburg, Southwest; Oct. 9 University Park Central; Oct 30, Titusville, Northwest, Nov. 6, Wysox, Northeast.

BAMER SAID Dr. John E Baylor, extension agronomist, will have charge of the shows, with county agents assisting The shows are a part of the continuing emphasis being placed by the University's agricultural staff on better hay crops. Interested organizations, including seed, machinery and equipment dealers, power companies and farmer cooperatives, are lending financial assistance.

Winners of the first five places in each class will get ribbons. A champion will be named for each of two divisions — one for field cured hay, the other for hay that is heat dried, with a grand champion for the top entry of the whole show.

FREE CHEMICALS analyses will be made of the top three samples in each class, and the first two winners in each class will qualify to enter hay exhibits, in corresponding classes, at the 1959 Pennsylvania Farm Show next January in Harrisburg.

The first show will be part of a week-long multi-event program at Hershey, including the annual Pennsylvania Dutch Days and the Pennsylvania and National Plowing Matches.

THE HERSHEY hay show will embrace a 16 county region of Dauphin, Lebanon, Berks, Schuylkill, Bucks, Lehigh, Northampton, Montgomery, Philadelphia, Delaware, Chester, Lancaster, York, Adams, Franklin and Cumberland

J. E. Lanius & Son (Donald), York RD 3, won the grand championships there in 1956 and 1957, both with field cured alfalfa.

Three special related exhibits are planned for the Hershey show. One will be of weeds and weed control, one of grasses and legumes, and another of lime and fertilizer.

The World-Famous Weed Killer

WEEDONE LV 4

More Kill To The Ounce

The First Low Volatile Ester 2,4D

★ Proved the most efficient weed-killer for pre - emergence spraying in corn. Will control both annual grasses and weeds.

Special Prices on Quantity Orders and to Custom Sprayers

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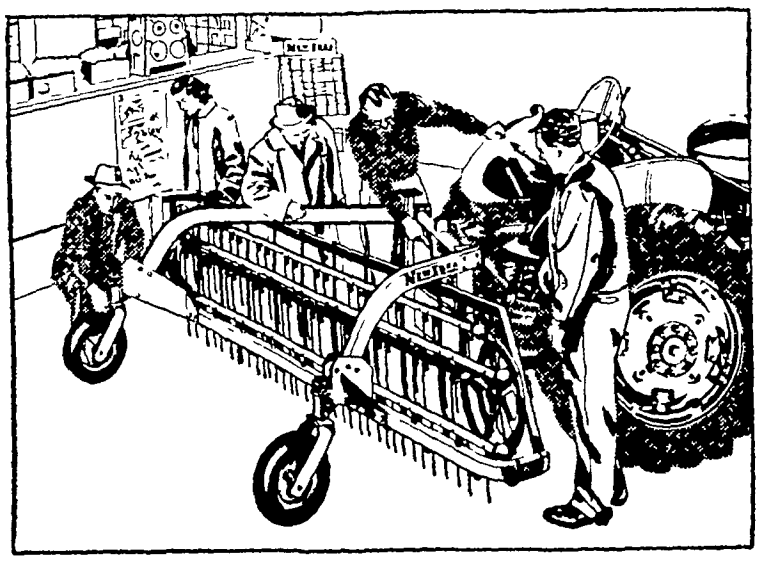

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.. Cuts raking time almost in half

Call RIGHT NOW for FREE demonstration on your farm—no obligation

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BEACON SILO SWEET—70c PER LB.

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NATURAL SOIL BUILDERS
Use in . . .
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Increases: Potash Content, Manure Value
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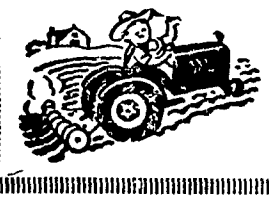

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USED Lincoln Welder and one used generator. Hiestand, Inc., Ph Marietta HA 6-9301.

FOR SALE. — Concrete Stave Silos, Silo unloaders & Auger Feeders. Robert P Farmer Oxford R2 Pa. Phone Oxford 706R1.

Hay Conditioners
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NEW 180 amp. Lincoln Welders —$161. complete or $25 down-$12 per month payments Weldan-power combination 200 AC welder and stand-by unit 450. Kit for P.T.O. adapter extra. Hiestand, Inc., Ph. Marietta HA 6-9301.

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BUY BOLTON'S SEX-LINK chicks. Make great layers of large brown eggs. Available Mar. 17th, March 27th, Apr 10th & Apr. 17th. Phone 76R3 or write Bolton's Hatchery Schaefferstown, Pa. We deliver

Livestock

LEESPORT LIVESTOCK MARKET. Auction Every Wednesday 1 30 R. T. Richards—Operator & Mgr. Ph. WA 6-7484.

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FOR SALE — Soybeans $3 90 bushel. Sardo (Hegari) $9 per hundred. Cyrus B Ferguson, RD1, Oxford, Ph Kirkwood 36R4

FOR SALE. — Home grown Rutger and No. 146 tomato plants. Ready by June 1 Call STerling 6-3525. John Clymer, RD2, Quarryville.

FOR SALE. — Iris rhizomes (bulbs), 50 varieties to select from. Visitors welcome. Mrs. Ellis H Esbenshade Ph Strasburg OV 7-3211.

FOR SALE. — Kathadin Potatoes. Elam E. Lapp, RD1 Christiana, Pa. ½ mile east of Bartville.

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WANTED: Yorkshire Boar Hog. Service age or 8 weeks old. Papers not necessary. Phone Under Hill 9-3075

FOR SALE. Bull calf - 9 mo. old. Son of H-50 (TyVic) of S E Artif Co-op. See at A. Robert Stottlemyer, Georgetown.

FOR SALE An Electric Portable Washer with wringer. In good condition Phone Ephrata REpublic 3-9051

FOR SALE McCormick Deering corn binder P.T O on rubber with short elevator and wagon loader, Wagon loader like new, will sell separate Phone RE 3-9987, Ephrata Warren I. Seibel R1, Ephrata, Pa

FOR SALE John Deere No. 5 grass mower completely overhauled Quicktach or standard Hook-Up, and Powr-trowl like new Also Twin wash tubs for milk house Abram N. Hoover, Ephrata RD1, Pa

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Household Goods

USED GAS STOVES, PRICED to sell, good condition. At town store, 25 S State St, Ephrata, Pa.

Legal Notices

EXECUTOR'S NOTICE.ESTATE of Frank Bogan, dec'd late of Manheim Township, Lancaster County, Pa.

Letters Testamentary on said estate having been granted to the undersigned, all persons indebted thereto are requested to make immediate payment, and those having claims or demands against the same will present them without delay for settlement to the undersigned, Miriam Jane Bogan, 1701 Bill View Drive, Manheim Township, Lancaster County, Pa Executorix Arnold, Bricker, Beyer & Barnes 110 E King Street, Lancaster, Pa. Attorneys.

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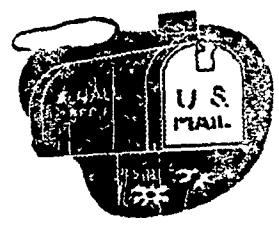
Real Estate

FOR SALE — 160 Acre modern dairy farm in Southeastern Wisconsin. Fully equipped Write for details from owner. Norman Bailey & Sons, Somers, Wisconsin

Auctions

Burdick Farm Sale coming up Mon Eve, June 2, at 6 30 Sharp! Farm is located at Bingham Center, 4 mi. from Ulysses - 6 from Genesee - 20 from Coudersport - 6 from Whitesville 15 from Wellsville, N Y, and 16 from Westfield, Pa Selling 69 outstanding top-notch Holsteins - 45 Mature Cows - 8 2 yr. hfrs (40 animals are bred for Fall freshening) - 16 excellent younger hfrs A real herd - eligible to go anywhere - calf-vacc-art. bred and sired 2 I-H Tractors - new "350" & "M" in nice condition 45T Baler - N-H harvester and Blower-Dearborn Combine-Excellent Ford Truck - All machinery, dairy equipment, worlds of small tools and this fine herd make this one of the season's better sales and one you'll surely want to attend!! Owned by Mr and Mrs Forest Burdick and Son Write for full sale list to Rumsey Sales-Whitesville, N. Y, or Westfield, Pa



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- All Advertisements must be in our hands by Monday 6 P. M. or same will be held over for next week's paper.
- Only one advertisement each month.
- No business advertisements accepted for this column.
- You are allowed to run the advertisement one time. Send in no duplication.

Please mail all advertisements care of

MAIL BOX MARKET
QUARRYVILLE, PA.

Oak Wilt Quarantine To Be Effected June 1; Called 'Public Nuisance'

HARRISBURG, May 28 — An oak wilt quarantine will be established in Pennsylvania effective June 1, the State Department of Agriculture announced today

The disease, which attacks and kills oak trees, has been designated as a "public nuisance throughout the Commonwealth Persons who "knowingly" permit the plant to exist are in violation of the quarantine

According to Dr William L Henning, State Secretary of Agriculture, oak wilt is a destructive disease that is very difficult to detect by untrained eyes In cases of positive identification of oak wilt disease the department will undertake control or eradication measures to the extent that funds are available, he added

The Department of Agriculture each year conducts an aerial survey of the entire state to determine presence of the disease and also carries out a ground control and eradication program All All diseased trees and healthy trees within root grafting distance are destroyed

Oak Wilt was found in nine Pennsylvania counties during 1957 Department aerial observers discovered 261 areas with infected trees The main oak wilt infection area lies in parts of Franklin, Cumberland, Mifflin, Perry, Juniata, Bedford, Blair, Huntingdon and Fulton Counties.

In the ast two years much progress has been made in the eradication and control of this disease, Secretary Henning sad He pointed out that in 1955 teams discovered 660 locations. There has since been a steady decline in the number of infected sites

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Garden Tractors
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New Holland EL 4-221

Landrace Hogs
4 and 5 months old.
Boars and gilts.
Raymond H. Weaver
Route 1, New Holland,
Phone EL. 4-9468.

Brand New Lot!
THIS AD WORTH $25. TOWARDS THE PURCHASE OF ANY CAR.

'57 Ford V8	$1895.
'57 Plymouth	$2195.
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'56 Plymouth	$1145.
'55 Volkswagen	$1395
'55 Olds Super 88 H T, P.S.	$1695
2 — '51 Chev's	$ 495

Many Others To Choose From
See Alonzo (Shorty) Read
1028 Willow St. Pike
EX 7-0111
Lancaster Sales Co.

PRIVATE SALE on and after Tuesday, May 27 of the entire herd of 51 head of real Holstein cows of Mr P J Lawford of Oak Orchard, Delaware at our sales stables, Oxford, Pa

19 of these cows are fresh, the balance in June, July and August.

These cows have plenty of size and I think the best herd of cows that I've had in my barn for a long time These cows have records from 59 to 76 lbs of milk a day, with a 4% butterfat test.

Also 31 head of big Holstein heifers out of Curtiss Candy, Ovation, all coming fresh this fall and as good as they grow Also 10 head of first and second calf heifers, all fresh, and thin in flesh

We have at all times 100 head of high class Holstein cows and heifers

Herbert Mowery
Oxford, Pa
Kirkwood 4 7-R11
Stables 5 R-31, Kirkwood

PUREBRED GUERNSEY DISPERSAL
At the Association's Sales Pavilion, 6 miles East of Lancaster, Pa., on Rt. #30.
Tuesday Evening — June 3, 1958 — 7:15 P. M. (D. S. T.)
Herd owned by Wendell R Swint, Estate, Landenberg, Pa
62 HEAD — 29 COWS, 3 BRED & 30 OPEN HEIFERS
(46 Vaccinated - Bangs & T B Cert)
Bloodline primarily Spar Hill breeding Nationally known for high records
Of the 25 cows that have finished records (HIR) only 3 have less than 400 lbs, 19 from 400 to 500 lbs and 3 over 500 lbs The vast majority making these high records in successive years
When making up this sale approximately 15 head were culled out and sent to the butcher
These cattle will make you money!
SALE MANAGED BY THE
PENNSYLVANIA GUERNSEY BREEDERS' ASS'N
P O Box 491, Harrisburg, Pa

PUBLIC AUCTION

Tuesday, June 3, 1958

PROMPTLY AT 6:00 P. M.

Shoat Sale at 8:00 P. M.

Sale of Fat Bulls, Steers, Cows, Calves and Hogs
Stocker and Feeder Steers and Bulls

We Get Top Market Prices for Your Livestock
Give us a call — HI 2-4181

VINTAGE SALES STABLES, INC.
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William Beam, Manager.

Fayette County Form Soil District; Total Now Stands at 49; 16 to Go

HARRISBURG, May 28 — State Agriculture Secretary Wiliam L Henning announced Wednesday that Fayette County has become Pennsylvania's 49th soil conservation district

As chairman of the State Soil Conservation Commission he acknowledged receipt of a formal resolution adopted by the County Commissioners of Fayette, establishing the entire county as a soil district

Creation of the Fayette district will make technical conservation services available to some 2,500 additional Pennsylvania famers About 82 per cent of all farms in the State now are in district counties, Henning said.

First step in organization will be approval of county farm organizations by the State Soil Conservation Commission Approved groups will nominate four farmers to serve on a board of district directors The county commissioners will appoint directors from these nominations and name one of themselves as a fifth director. All directors will serve without pay.

The district will provide detailed technical assistance to farmers interested in conservation. These services include soil surveys, consrvation farm lanning and help with establishment of practices The program is entirely voluntary.

The Fayette resolution states the district was formed because conservation of soil resources and prevention of soil erosion are problems of public concern in the county and that a substantial proportion of the rural landowners favored establishing a district.

Henning termed the move "a progressive step" Closer coordination of conservation services, faster application of conservation on the land, and self-government are benefits of the district system, he said.

Crawford County Picks "Queens" For Plow Contest

HARRISBURG, May 27 — Entries are pouring in from Pennsylvania farm girls all over the Commonwealth, and time is growing short for those young ladies who would like to compete in their county for a chance at the grand prize The grand prize will be the choosing of a young lady to reign as "Queen of the Furrow" at the National Plowing and Soil Consevation Exposition to be held at Hershey, Pa., Aug. 21-22

Each of the counties in Pennsylvania will have a contest to select two girls to represent their county The county winners will again participate in one of ten area contests which will be held as a feature of special county and regional events. The winners of the area contests then will go on to Hershey to vie for the grand prize on Aug 15 — to be selected as "Queen of the Furrow"

The first of these colorful county contests was held recently in the city of Meadville, Crawford County, located in the northwestern part of the state That picturesque farming and manufacturing community had over fifty "Furrow" aspirants. At the contest two Crawford countians were selected — Miss Vivian Heffernan of Cochranton, and Miss Winnie Lee Hogan of Saegertown. Both girls are now on their way to additional competition in regional contests. They will compete with winners from other counties. It is possible that one of these young ladies will go all he way to be the pride of Pennsylvania farmland as "Queen of the Furrow"

In addition to reigning over all the activities in the National Plowing Contest, the young lady selected to be "Queen of the Furrow" will appear on national radio and television shows; receive a complete wardrobe, and enjoy with her parents a "Dream Week end" in New York City.

Donegal Party, Sewing Clubs Meet Jointly

A joint meeting of the Donegal Party Time and Donegal Sewing 4-H clubs was held at 7 30 p m., May 22, at the Donegal Club House

It was the annual health meeting, and the following gave demonstrations Linda Sumpman, Mt. Joy R1, proper way to do your nails, Linda Stehman, Florin, exercises to help you grow right; Helen Musser, Mt. Joy R2, proper way to wash your face; Sue Martin. Marietta R1, proper way to walk and sit; Pam and Coral Cupper, Mt. Joy R1, proper way to brush your teeth.

The theme, chosen by the girls, for the next meeting will be Space. Since the project is party time, members will plan parties and learn the proper way to give them.

The Space Party will be held at 7 p m, June 9 at the Donegal Club House.

Chairmen for the following committees were chosen Refreshment, Carolyn Becker, Florin, decoration, Joanne Bixler, Marietta R1, games, Rachel Ann Nolt, Mt Joy R1, and invitations, Joyce Hawthorn, Marietta R1.

Three Vital Factors Affect Hay Quality; Two Easily Controlled

By MAX SMITH

At the pesent time there are many acres of excellent hay in the making on Lancaster County farms. Growth is rank and heavy yields should be expected from this first cutting

Three vital factors will largely determine the quality of hay that will be made from this forage crop

The mixture of grasses and legumes in the crop;

The time of cutting (stage of maturity), and

The amount of bleaching and leaching that is permitted.

In the case of the first point mentioned little may be done at this time to change the proportion of grasses and legumes (or weeds) in the hay mixture However, current plantings for temporary hay crops should include legumes such as soybeans

In the future legumes such as red clover, alfalfa, or trefoil along with one of the grasses will give excellent mixtures Alfalfa is considered one of the very best producers of top quality hay.

CUTTING AT THE PROPER stage of maturity is one of the most important practices in quality hay making. Alfalfa research work has shown that the plant is the best in feeding value in the bud stage, we suggest that it be cut when in the bud or very early bloom stage of maturity.

With red clover feed value is the highest from the bud stage to the early bloom period Trefoil and ladino clover should be cut when in the full blossom stage All of the grasses should be cut just at heading time, or within a few days after heading; this includes timothy, bluegrass, orchardgrass, bromegrass, or sudangrass. Many growers allow their grasses to get too mature before cutting; the percentage of feed nutrients is reduced and the amount of fiber increased.

THE THIRD POINT regarding bleaching and leaching losses in the field is most difficult of all because we have the weather conditions to inject uncontrollable factors In the first place we strongly advise the use of one of the hay conditioners in the field (either crimper or crusher) to reduce the drying time; also along this line we feel that the mow hay finisher has a definite place in the quality hay program.

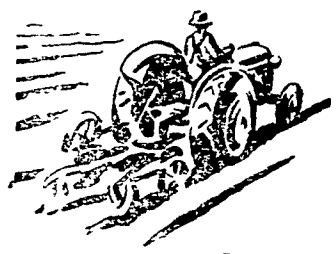
The use of one of the conditioners in the field and the finisher in the mow will surely help hold the green color and the leaves on the hay crop It simply means that the crop can be brought into the barn much quicker than if all field curing is needed In larger operations the use of heat with the finisher at the barn, or on wagons, is certainly another way to get top quality hay.

Research work has shown that losses of feed nutrients are greater with field curing than with the use of the mow finishers With any method a certain amount of good weather is required to make hay, with the use of the above equipment and practices much less good weather is needed and in many cases the crop can be stored before the rain arrives.

With field curing it is very essential that the hay crop be raked into small windrows before the top leaves are dry and brittle; this will allow air to pass through the hay and help to dry; also, it is best if partly cured hay is in windrow rather than in swath over-night because the dew will not bleach out the green color as much.

In many cases this windrow should be turned around noon of the second day in order to complete the curing process. Every effort should be extended to hold both the green color and the leaves for a top quality hay crop.

Farmers Supply



Hybrid Corn

Muncy Chief ≠H-780

Produced outstanding yields during last years drought conditions. Long season growing corn has stiff stalks, long ears that husk easy Has excellent standing ability

Bushel——$11.00.

Muncy Chief ≠H-398
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90 Day Maturity Bu $11 00
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Wabash Yellow Soy Beans
Black Amber Sorghum
Hegari Sorghum
Atlas Sorgo Sorghum
Sweet Sudan
Cert Piper Sudan
Domestic Rye Grass
Orchard Grass
S 37 Orchard Grass
Pasture Mixture
Pasture Mixture with Ladino Timothy

Grow Better Tobacco Plants

TRANSPLANTONE
1 LB. .. $4.00
Promotes root growth Makes stronger plants Put in water when transplanting

VHPF
30 LB. CASE $7.50
Insures rapid growth and better stands

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Transplanting solution Use to control wireworms, cabbage magots and other insects on tomatoes celery and tobacco at transplanting time.

NUTRILEAF "60"
5 LBS. $1.75
Feeds plants thru the leaves Four applications during growing season

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Add at these rates:

Chopped grasses—100-150 Lbs per ton
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